

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

API 47009003340000 County BROOKE District CROSS CREEK
Quad STEBENVILLE EAST, OH Pad Name NICK BALLATO-BRK-PAD1 Field/Pool Name PANHANDLE FIELD WET
Farm Name NICHOLAS & CHRISTOPHER BALLATO Well Number NICK BALLATO BRK 8H
Operator (as registered with the OOG) 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 4,462,300.73 Easting 536,936.87
Landing Point of Curve Northing 4,461,922.23 Easting 536,935.24
Bottom Hole Northing 4,456,975.29 Easting 538,896.57

Elevation (ft) 958.6' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated 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 2023-05-22 Date drilling commenced 2023-05-26 Date drilling ceased 2023-06-08
Date Completion activities began 2023-07-19 Date Completion activities ceased 2023-09-19
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 301' Open mine(s) (Y/N) depths N
Salt water depth(s) ft 790' Void(s) encountered (Y/N) depths N
Coal depth(s) ft 0' Cavern(s) encountered (Y/N) depth N
Is coal being mined in area (Y/N) N

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API 47009003340000 Farm name NICHOLAS & CHRISTOPHER BALLATO Well number NICK BALLATO BRK 8H

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	20.000	20.000	136	NEW	94.00	J-55		Y
Surface	17.500	13.375	350	NEW	54.50	J-55	N/A	Y 37 BBLS
Coal								
Intermediate 1	12.250	9.625	1375	NEW	36.00	J-55		Y 34 BBLS
Intermediate 2								
Intermediate 3								
Production	8.500	5.500	23875	NEW	20.00	P-110 HP		N
Tubing								
Packer type and depth set								

Comment Data _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft3/sks)	Volume (ft2)	Cement Top (MD)	WOC (hrs)
Conductor	CLASS A	GROUT TO SURFACE				SURFACE	24
Surface	CLASS A	448	15.6	1.19	533.12	SURFACE	8
Coal							
Intermediate 1	CLASS A	574	15.6	1.19	683.06	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	4478	14.5	1.29	5776.62	4607'	24
Tubing							

Drillers TD (ft) 23,917' Loggers TD (ft) 23,917'

Deepest formation penetrated MARCELLUS Plug back to (ft) 23,788'

Plug back procedure N/A

Kick off depth 4,900' 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: 16 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 509 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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NICK BALLATO BRK 8H
ATTACHMENT 1
PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	8/9/2023	22,108	22,018	36
2	8/23/2023	21,984	21,807	36
3	8/23/2023	21,774	21,597	36
4	8/23/2023	21,564	21,387	36
5	8/24/2023	21,354	21,176	36
6	8/24/2023	21,143	20,966	36
7	8/24/2023	20,933	20,756	36
8	8/25/2023	20,723	20,546	36
9	8/25/2023	20,513	20,336	36
10	8/25/2023	20,303	20,126	36
11	8/25/2023	20,093	19,916	36
12	8/26/2023	19,882	19,705	36
13	8/26/2023	19,672	19,495	36
14	8/26/2023	19,462	19,285	36
15	8/26/2023	19,252	19,075	36
16	8/26/2023	19,042	18,865	36
17	8/27/2023	18,832	18,655	36
18	8/27/2023	18,622	18,444	36
19	8/27/2023	18,411	18,234	36
20	8/27/2023	18,201	18,024	36
21	8/27/2023	17,991	17,814	36
22	8/27/2023	17,781	17,604	36
23	8/27/2023	17,571	17,394	36
24	8/28/2023	17,361	17,184	36
25	8/28/2023	17,151	16,973	36
26	8/28/2023	16,940	16,763	36
27	8/28/2023	16,730	16,553	36
28	8/28/2023	16,520	16,343	36
29	8/28/2023	16,310	16,133	36
30	8/29/2023	16,100	15,923	36
31	8/29/2023	15,890	15,713	36
32	8/29/2023	15,679	15,502	36
33	8/29/2023	15,469	15,292	36
34	8/29/2023	15,259	15,082	36
35	8/29/2023	15,049	14,872	36
36	8/30/2023	14,839	14,662	36
37	8/30/2023	14,629	14,452	36
38	8/30/2023	14,419	14,241	36
39	8/30/2023	14,208	14,031	36
40	8/30/2023	13,998	13,821	36
41	8/31/2023	13,788	13,611	36
42	8/31/2023	13,578	13,401	36

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ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
43	8/31/2023	13,368	13,191	36
44	8/31/2023	13,158	12,981	36
45	8/31/2023	12,948	12,770	36
46	8/31/2023	12,737	12,560	36
47	9/1/2023	12,527	12,350	36
48	9/1/2023	12,317	12,140	36
49	9/1/2023	12,107	11,930	36
50	9/1/2023	11,897	11,720	36
51	9/1/2023	11,687	11,510	36
52	9/2/2023	11,476	11,299	36
53	9/2/2023	11,266	11,089	36
54	9/2/2023	11,056	10,879	36
55	9/2/2023	10,846	10,669	36
56	9/2/2023	10,636	10,459	36
57	9/2/2023	10,426	10,249	36
58	9/3/2023	10,216	10,038	36
59	9/3/2023	10,005	9,828	36
60	9/3/2023	9,795	9,618	36
61	9/3/2023	9,585	9,408	36
62	9/3/2023	9,375	9,198	36
63	9/3/2023	9,165	8,988	36
64	9/4/2023	8,955	8,778	36
65	9/4/2023	8,745	8,567	36
66	9/4/2023	8,534	8,357	36
67	9/4/2023	8,324	8,147	36
68	9/4/2023	8,114	7,937	36
69	9/4/2023	7,904	7,727	36
70	9/5/2023	7,694	7,517	36
71	9/5/2023	7,484	7,307	36
72	9/5/2023	7,273	7,096	36
73	9/5/2023	7,063	6,886	36
74	9/5/2023	6,853	6,676	36
75	9/5/2023	6,643	6,466	36

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ATTACHMENT 2
STIM REPORT

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/other
1	8/23/2023	91.4	9,328	9,400	4,700	218,750	6,748	0
2	8/23/2023	97.1	9,870	5,906	4,491	374,560	9,448	0
3	8/23/2023	88	8,851	5,319	4,650	378,590	9,311	0
4	8/24/2023	98.1	9,155	6,224	4,554	372,940	9,511	0
5	8/24/2023	95.5	9,693	4,887	4,544	372,810	8,858	0
6	8/24/2023	95.3	9,662	5,265	3,900	374,340	8,409	0
7	8/24/2023	83.5	8,660	6,610	5,015	373,550	9,267	0
8	8/25/2023	83.4	8,265	6,572	4,422	376,460	9,804	0
9	8/25/2023	93.7	9,486	6,642	4,842	372,170	8,368	0
10	8/25/2023	83	8,238	6,440	4,895	372,580	9,094	0
11	8/25/2023	97.7	9,968	6,780	5,000	373,290	8,250	0
12	8/26/2023	94.4	9,119	6,350	4,890	375,020	8,095	0
13	8/26/2023	97.7	9,312	6,675	4,508	375,500	8,221	0
14	8/26/2023	98.5	9,501	6,209	5,177	370,320	8,375	0
15	8/26/2023	98.4	9,721	6,407	4,838	371,420	8,242	0
16	8/26/2023	91.7	9,250	6,610	4,890	368,120	8,044	0
17	8/27/2023	96.3	9,787	6,650	4,875	374,500	8,170	0
18	8/27/2023	97.1	9,335	6,490	4,632	378,200	8,153	0
19	8/27/2023	91.5	9,794	6,718	4,553	372,380	8,086	0
20	8/27/2023	96.2	9,681	6,225	4,552	374,480	8,051	0
21	8/27/2023	92.6	8,840	6,415	5,290	373,500	7,981	0
22	8/27/2023	98.3	9,367	6,385	4,830	376,900	8,241	0
23	8/28/2023	98	9,576	6,145	4,920	383,020	8,220	0
24	8/28/2023	90.8	8,256	6,405	4,593	387,160	8,537	0
25	8/28/2023	97.3	9,366	5,930	4,780	376,740	7,861	0
26	8/28/2023	96.4	9,601	6,096	4,825	377,950	8,081	0
27	8/28/2023	94.3	8,601	6,253	5,000	367,630	8,082	0
28	8/28/2023	92.1	8,854	6,500	5,000	375,640	7,878	0
29	8/28/2023	90.5	8,857	6,830	5,000	373,100	8,443	0
30	8/29/2023	88.9	8,651	6,607	4,416	375,270	8,176	0
31	8/29/2023	98.2	9,326	6,624	4,682	373,120	7,912	0
32	8/29/2023	91.5	8,815	6,159	4,647	369,640	7,923	0
33	8/29/2023	98.7	8,861	6,721	5,100	369,220	7,822	0
34	8/29/2023	91.6	8,590	6,685	4,845	375,920	7,769	0
35	8/30/2023	94	9,249	7,255	4,800	374,580	7,902	0
36	8/30/2023	97.1	8,873	6,717	4,567	379,140	8,193	0
37	8/30/2023	88.2	8,165	6,340	4,403	374,660	8,098	0
38	8/30/2023	91.6	8,606	6,560	4,499	374,800	8,174	0
39	8/30/2023	83.9	7,175	6,371	4,971	368,040	7,861	0
40	8/30/2023	80.1	7,777	7,628	4,854	368,780	8,027	0
41	8/31/2023	87.8	8,066	5,250	4,766	371,700	7,920	0
42	8/31/2023	84.6	7,750	6,293	4,675	368,040	7,846	0
43	8/31/2023	84	7,966	6,231	4,496	372,440	8,089	0
44	8/31/2023	85.5	7,777	6,523	4,715	373,760	7,885	0
45	8/31/2023	85.5	7,772	6,626	5,081	375,540	7,863	0
46	9/1/2023	84.6	7,725	6,125	5,221	372,880	7,734	0
47	9/1/2023	84.6	7,233	5,888	5,202	369,660	7,687	0
48	9/1/2023	89.9	7,713	6,318	4,262	381,500	7,765	0
49	9/1/2023	81.8	7,463	5,856	4,702	376,740	7,742	0
50	9/1/2023	82	7,378	6,125	4,916	367,500	7,600	0
51	9/1/2023	84.6	7,281	5,616	4,788	358,060	7,437	0
52	9/2/2023	83.6	7,330	6,207	5,424	371,900	7,719	0
53	9/2/2023	79	6,963	6,277	4,462	372,920	7,865	0

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**NICK BALLATO BRK 8H
ATTACHMENT 2
STIM REPORT**

STAGE NUM	Stim Date	Ave Pump Rate (BPM)	Ave Treatment	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of water bbls	Amount of nitrogen/other
54	9/2/2023	93.3	7,765	6,180	4,456	366,700	7,593	0
55	9/2/2023	92.7	7,412	6,494	4,276	370,480	7,510	0
56	9/2/2023	84	6,789	5,528	5,824	372,560	7,527	0
57	9/3/2023	89	7,509	5,592	4,558	363,540	7,511	0
58	9/3/2023	89.8	7,179	5,968	4,537	377,520	7,787	0
59	9/3/2023	92	7,264	6,164	4,308	372,360	7,746	0
60	9/3/2023	91.1	7,023	5,749	4,467	371,780	7,591	0
61	9/3/2023	90.7	7,367	5,767	4,427	374,280	7,333	0
62	9/3/2023	86.2	6,666	5,839	5,123	371,520	7,510	0
63	9/3/2023	80	6,534	5,656	5,544	370,940	7,627	0
64	9/4/2023	87.8	7,176	5,454	4,960	377,440	7,520	0
65	9/4/2023	81.1	6,556	6,021	4,439	371,240	7,587	0
66	9/4/2023	84.7	6,584	5,940	4,323	377,200	7,776	0
67	9/4/2023	84.1	6,722	6,479	4,399	370,260	7,436	0
68	9/4/2023	80	6,107	5,890	5,214	354,920	7,376	0
69	9/4/2023	80	6,164	5,444	4,988	373,740	7,531	0
70	9/5/2023	81.6	6,429	5,704	4,948	377,000	7,506	0
71	9/5/2023	83.5	6,510	5,925	4,731	325,220	6,856	0
72	9/5/2023	85.6	6,633	6,122	4,472	373,760	7,592	0
73	9/5/2023	88.5	6,429	5,942	4,546	374,800	7,580	0
74	9/5/2023	89	6,311	5,715	5,013	371,600	7,511	0
75	9/5/2023	79	6,215	5,366	4,375	380,350	7,795	0

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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	Max Breakdown	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
SEE ATTACHMENT 2								

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API 47009003340000 Farm name NICHOLAS & CHRISTOPHER BALLATO Well number NICK BALLATO BRK 8H

PRODUCING FORMATION(S)	DEPTHS	TVD	MD
<u>MARCELLUS</u>	<u>5,479'</u>	<u>5,664'</u>	

Please insert additional pages applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 2,474 psi Bottom Hole psi DURATION OF TEST (hrs) _____

OPEN FLOW GAS 7,518 mcpd OIL 1,283 bpd NGL bpd WATER 1,684 bpd GAS MEASURED BY Estimate Orifice Pilot

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

FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESH WATER, BRINE, OIL, GAS, H2S, ETC)
SEE ATTACHMENT 3					
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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 WOODLANDS State TX Zip 77380

Cementing Company SCHLUMBERGER WELL SERVICES Address 110 SCHLUMBERGER DRIVE City SUGAR LAND State TX Zip 77478

Stimulating Address SWN WELL SERVICES PO BOX 12359 City SPRING State TX Zip 77391-2359

Please insert additional pages as applicable.

Completed by CAROL A. PRUITT Telephone 832-796-3007
Signature *Carol Pruitt* Title SR. REGULATORY SPECIALIST Date 11/29/2023

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

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Well Name: NICK BALLATO BRK 8H

47009003340000

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	301.00	301.00	
Top of Salt Water	790.00	790.00	NA	NA	
Pittsburgh Coal	NA	NA	NA	NA	
Ravencliff (ss)	510.00	510.00	738.00	737.00	
Maxton (ss)	807.00	806.00	972.00	971.00	
Big Injun (ss)	1089.00	1087.00	1261.00	1257.00	
Berea (siltstone)	1530.00	1525.00	2007.00	2000.00	
Rhinestreet (shale)	5002.00	4983.00	5250.00	5216.00	
Cashaqua (shale)	5250.00	5216.00	5411.00	5344.00	
Tully (ls)	5411.00	5344.00	5495.00	5399.00	
Mahantango (shale)	5495.00	5399.00	5664.00	5479.00	
Marcellus (shale)	5664.00	5479.00	NA	NA	GAS

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/19/2023
Job End Date:	8/12/2023
State:	West Virginia
County:	Brooke
API Number:	47-009-00334-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	NICK BALLATO BRK 8
Latitude:	40.31038089
Longitude:	-80.56532141
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,701
Total Base Water Volume (gal):	29,278,094
Total Base Non Water Volume:	0



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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					
			Water	7732-18-5	100.00000	88.02696	Density = 8.345
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	85.00000	0.30940	

			Water	7732-18-5	100.00000	0.30940	
Excelerate LX-15	SWN Well Services	Friction Reducer					
				Listed Below			
MC MX 5-3886	SWN Well Services	Biocide					
				Listed Below			
HCL	SWN Well Services	Solvent					
				Listed Below			
FSTI-CI-02	SWN Well Services	Corrosion Inhibitor					
				Listed Below			
Legen LD-7750W	SWN Well Services	Scale Inhibitor					
				Listed Below			
Ferriplex 80	SWN Well Services	Iron Control					
				Listed Below			
Sand	SWN Well Services	Proppant					
				Listed Below			
Items above are Trade Names with the exception of Base Water . Items below are the individual ingredients.							
			Crystalline Silica, quartz	14808-60-7	100.00000	11.51308	
			Hydrochloric Acid	7647-01-0	15.00000	0.05187	
			Complex Amine Compound	Proprietary	50.00000	0.03200	

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			Hydrotreated light petroleum distillate	64742-47-8	25.00000	0.01600	RECEIVED Office of Oil and Gas DEC 01 2023 WY Department of Environmental Protection
			Surfactant	Proprietary	5.00000	0.00320	
			Sodium Erythorbate	6381-77-7	100.00000	0.00184	
			Ethoxylated alcohols	Proprietary	1.00000	0.00064	
			Ethylene glycol	107-21-1	40.00000	0.00021	
			Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	10.00000	0.00005	
			Cinnamaldehyde	104-55-2	10.00000	0.00005	
			N,N-Dimethylformamide	68-12-2	10.00000	0.00005	
			1-Decanol	112-30-1	5.00000	0.00003	
			Isopropyl alcohol	67-63-0	5.00000	0.00003	
			2-Butoxyethanol	111-76-2	5.00000	0.00003	
			benzyl chloridequaternized	72480-70-7	5.00000	0.00003	
			1-Octanol	111-87-5	5.00000	0.00003	
			Triethyl phosphate	78-40-0	5.00000	0.00003	

* 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%

*** If you are calculating a percentage of total ingredients do not add the water volume below the green line to the water volume above the green line

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)

(2000' SCALE) LATITUDE: 40°20'00" SURFACE HOLE

6,651'

(2000' SCALE) LATITUDE: 40°17'30" BOTTOM HOLE 312'

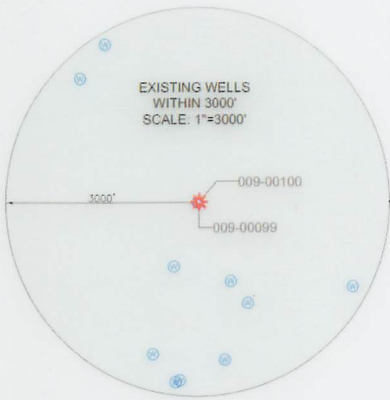


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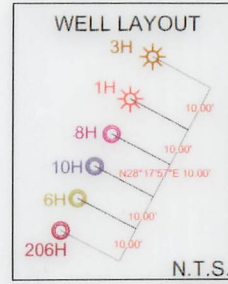
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

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 425 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	N19°55'04"W	3680.51'
L2	N58°03'49"W	631.03'



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

8,526'

(2000' SCALE) LONGITUDE: 80°32'30" BOTTOM HOLE

10,626'

(2000' SCALE) LONGITUDE: 80°32'30" SURFACE HOLE

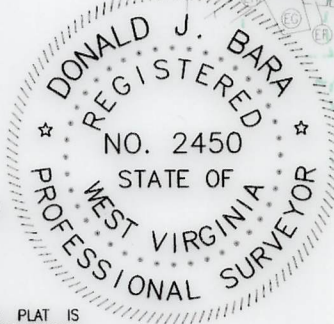
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4462300.73 EASTING: 536936.87
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4461922.23 EASTING: 536935.24
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4456975.29 EASTING: 538896.57
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4462300.74 EASTING: 536936.93
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4462045.79 EASTING: 536890.83
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4456974.28 EASTING: 538895.10

2000 0 2000

GRAPHIC SCALE IN FEET

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™

WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034	(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SURVEY SOURCE OF GRADE GPS ELEVATION: (NAVD 88, US FT)	COMPANY: SWN Production Company, LLC OPERATOR'S WELL #: NICK BALLATO BRK 8H API WELL #: 47 STATE 009 COUNTY 00334 PERMIT
	WELL TYPE: OIL WASTE DISPOSAL PRODUCTION X DEEP GAS X LIQUID INJECTION STORAGE SHALLOW X WATERSHED: UPPER OHIO NORTH DISTRICT: CROSS CREEK COUNTY: BROOKE SURFACE OWNER: NICHOLAS & CHRISTOPHER BALLATO OIL & GAS ROYALTY OWNER: NICHOLAS & CHRISTOPHER BALLATO DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE X (SPECIFY) AS-DRILLED TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,702' TVD 23,917 TMD	ELEVATION: 958.6' QUADRANGLE: STEUBENVILLE EAST, OH ACREAGE: ±53.250 ACREAGE: ±53.250

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: ○ EXISTING BOTTOM HOLE ⚙ EXISTING / PRODUCING WELLHEAD LPL* EXISTING LANDING POINT LOCATION ○ PROPOSED SURFACE HOLE / BOTTOM HOLE LPL* PROPOSED LANDING POINT LOCATION — ACCESS ROAD — PUBLIC ROAD — FLOOD PLAIN — LEASE BOUNDARY — ASDRILLED PATH — PROPOSED PATH	REVISIONS: DATE: 06-26-2023 API NO: 47-009-00334 DRAWN BY: Z. WOOD SCALE: 1" = 2000' DRAWING NO: 2017-343 WELL LOCATION PLAT
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(2000' SCALE) LATITUDE: 40°20'00" SURFACE HOLE 6,651'

(2000' SCALE) LATITUDE: 40°17'30" BOTTOM HOLE 312'

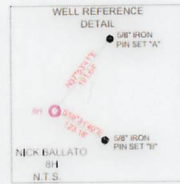
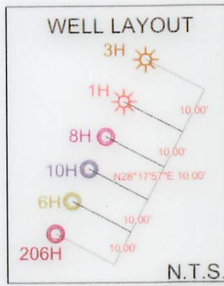


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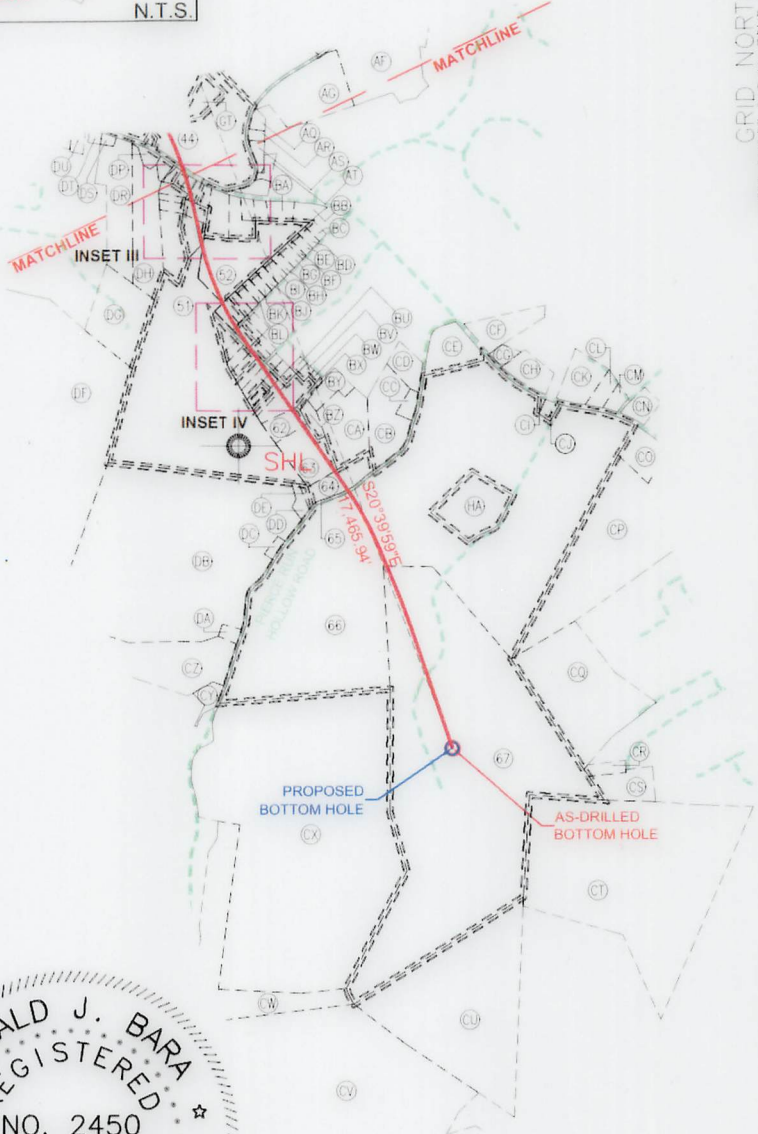
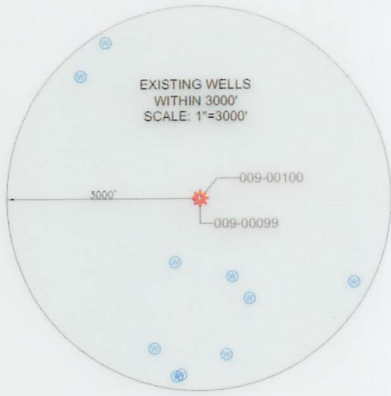
68011 Vineyard Road
St. Clairsville, Ohio 43950
740-695-6100

NOTES ON SURVEY

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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.



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

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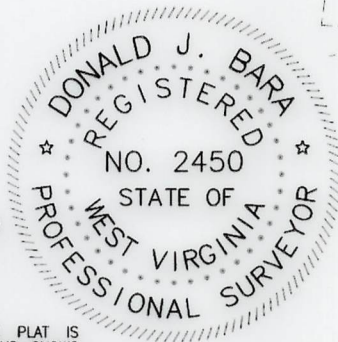
2000 0 2000



GRAPHIC SCALE IN FEET

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.

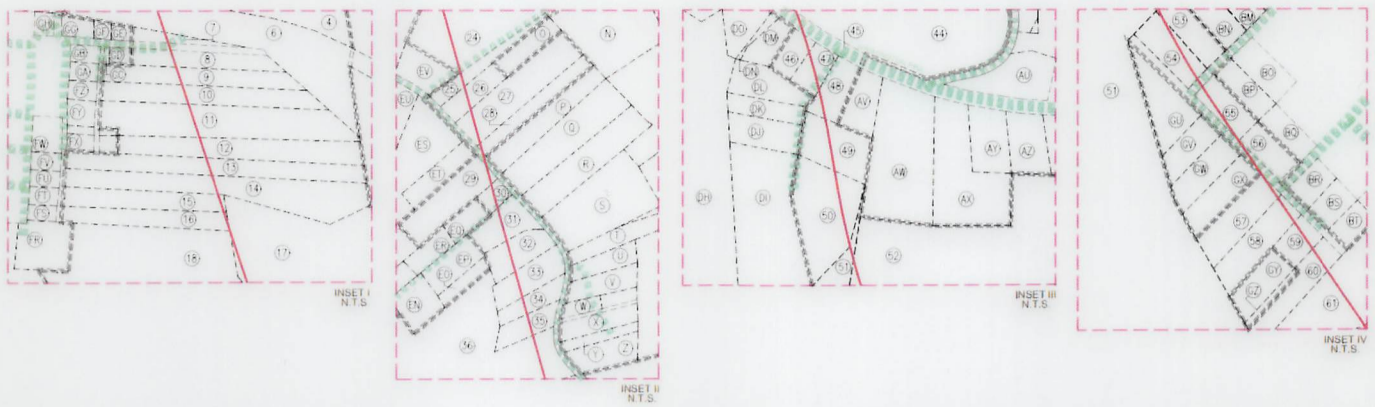
P.S. 2450



COMPANY:



<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	<p>MINIMUM DEGREE OF ACCURACY: 1/200</p> <p>PROVEN SURVEY SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)</p>	<p>COMPANY: NICK BALLATO BRK</p> <p>OPERATOR'S WELL #: 8H</p> <p>API WELL #: 47 009 00334</p> <p>STATE COUNTY PERMIT</p>
	<p>WELL TYPE: OIL WASTE DISPOSAL PRODUCTION <input checked="" type="checkbox"/> DEEP GAS <input checked="" type="checkbox"/> LIQUID INJECTION STORAGE SHALLOW <input checked="" type="checkbox"/></p> <p>WATERSHED: UPPER OHIO NORTH ELEVATION: 958.6'</p> <p>DISTRICT: CROSS CREEK COUNTY: BROOKE QUADRANGLE: STEUBENVILLE EAST, OH</p> <p>SURFACE OWNER: NICHOLAS & CHRISTOPHER BALLATO ACREAGE: ±53.250</p> <p>OIL & GAS ROYALTY OWNER: NICHOLAS & CHRISTOPHER BALLATO ACREAGE: ±53.250</p> <p>DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION</p> <p>CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED 01/19/2024</p> <p>TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,702' TVD 23,917 TMD</p>	<p>WELL OPERATOR: SWN PRODUCTION COMPANY, LLC</p> <p>ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201</p> <p>CITY: MORGANTOWN STATE: WV ZIP CODE: 26508</p>
<p>LEGEND:</p> <ul style="list-style-type: none"> 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 AS-DRIILLED PATH PROPOSED PATH 	<p>REVISIONS:</p>	<p>DATE: 06-26-2023</p> <p>API NO: 47-009-00334</p> <p>DRAWN BY: Z. WOOD</p> <p>SCALE: 1" = 2000'</p> <p>DRAWING NO: 2017-343</p> <p>WELL LOCATION PLAT</p>





WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS			TRACT	SURFACE OWNER	TAX PARCEL
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	36	GRIFFITH ROBERT ALLEN	4-CC23-101
1	BALLATO NICK & CHRISTOPHER	4-CC19-102	37	FERGUSON JENNIFER & JESSICA	4-CC23-100
TRACT	SURFACE OWNER	TAX PARCEL	38	HUBBARD SAMUEL	4-CC23-86
2	FURDA MARLENE & BULLOCK JAMES & MARK	4-C19K-3	39	BEIHL ELWOOD F JR & PATRICIA J (SURV)	4-CC23-97
3	KIDWELL GEORGE SEBECK STEVE ETAL	4-C19K-52	40	BLUE DEVIL CABLE TV INC	4-CC23-96
4	KIDWELL GEORGE STEVE SEBECK ETAL	4-C19K-51	41	WATSON WILLIAM E & MARA L	4-CC23-95
5	RAGAN MICHAEL	4-C19K-50	42	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	RABBIT HILL ROAD
6	NORFOLK & WESTERN RAILWAY CO	4-C19K-18	43	MCDONOUGH JEFFREY R; CHARLOTTE D	4-CC23-91
7	DOUGLAS LARRY & DEBBIE	4-C19K-45	44	COOPER MARK H	4-CC23-92
8	DOUGLAS GEORGE L;SAMUEL; WALKER MARGARET ANN	4-C19K-44	45	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	WASHINGTON PIKE
9	MILLER JERRY J & JESSICA R (SURV)	4-C19K-43	46	TAYLOR JEFFREY STEPHEN & TASHA M (SURVIVORSHIP)	3-B23R-66
10	SHIMKO JOHN M JR	4-C19K-42	47	YOUNG REBECCA	3-B23R-67
11	GASCHLER ROBERT	4-C19P-41	48	GRIFFITH ROBERT ALLEN (LIFE ESTATE- MARY GRIFFITH)	3-B23R-73
12	KAUFFMAN JUSTIN W	4-C19P-43	49	HADDON ROBIN	3-B23R-72
13	DELATORE WILLIAM LINCOLN & DENISE LYNN ET AL	4-C19P-44	50	DEGARMO ADAM C DARCEY N DEGARMO JTWS	3-B23R-71
14	SHIMKO LORI A & JOHN (JTWS) L EST EST)MCLAIN PATRICIA A	4-C19P-45	51	BUCY CARMELLA RITA	3-B28-50
15	PEPE TODD A;MITCHELL MICHELE R (LE-FRANCES D PEPE	4-C19P-46	52	HENSLER WILLIAM MATHIAS	3-B23S-4.2
16	NELSON MARILYN L	4-C19P-47	53	MAYNARD CONNIE L	3-B28D-5
17	PITTSBURGH & W VA RAILWAY CO	4-CC19-191	54	SIMALA MARK & JOANN (SURV)	3-B28D-6
18	CHERIPKO HELEN & ELAINE MARCUM JTWS	4-C19P-48	55	DAWSON BRYAN A	3-B28D-19
19	CLARK TODD	4-CC23-51.23	56	QUATTROCHI AIMEE & CORY WILLIAMS JTWS	3-B28D-36
20	BOYD CHARLES A; MCFADDEN JANICE L (SURV)	4-CC23-52	57	GERRARD RUSSELL W	3-B28D-11
21	HART TED JR & RUTH B	4-CC23-51.4	58	IREY JOHN J	3-B28D-12
22	BOYCE LEONARD CRAIG & KAREN MARIE (SURV)	4-CC23-63	59	HILT WAYNE E & GARNET	3-B28D-13
23	HILT JAMES FREDERICK & MABEL IRENE	4-CC23-64	60	HILT WAYNE & GARNETT	3-B28D-14.1
24	BRAHO JOSEPH M & MCGOWAN KATELYN N (JTWS)	4-CC23-66	61	WILSON LORI K	3-B28D-15
25	BOTTORF RONALD C III & KRISTEN R (JTWS)	4-CC23-68	62	FOLK ROBERT F	3-B28D-44
26	MEANS DELLA A	4-CC23-69.1	63	CAMPBELL KURT E & NANCY (SURV)	3-B28D-45
27	WIGAL VICTOR M;RENSI MARY L (SURV)	4-CC23-70	64	BENSON ANTHONY	3-B28-51
28	WIGAL VICTOR M; RENSIS MARY L (SURV)	4-CC23-72	65	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	PIERCE RUN HOLLOW ROAD
29	NORTHVIEW PROPERTIES LLC	4-CC23-114	66	PARK & RECREATION COMMISSION	3-B28-66
30	NORTHVIEW PROPERTIES LLC	4-CC23-113	67	PARK & RECREATION COMMISSION	3-B28-65
31	LEWIS GERALD TOD LEWIS SANDRA (JTWS)	4-CC23-106			
32	LEWIS GERALD TOD LEWIS SANDRA (JTWS)	4-CC23-105			
33	TAYLOR LESTER JR & KRISTA (SURV)	4-CC23-104			
34	TAYLOR LESTER G	4-CC23-103			
35	TAYLOR LESTER G SR (JWTWS) NANCY	4-CC23-102			

01/19/2024

REVISIONS:			
	COMPANY:		
	OPERATOR'S	NICK BALLATO BRK	
	WELL #:	8H	
	DISTRICT:	COUNTY:	STATE:
	CROSS CREEK	BROOKE	WV
			DATE: 06-26-2023
			API NO: 47-009-00334
			DRAWN BY: Z. WOOD
			SCALE: N/A
			DRAWING NO: 2017-343
			WELL LOCATION PLAT



ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
A	BALLATO NICHOLAS & CHRISTOPHER	4-CC19-192	AR	HENRY JOHN L & BERNICE J (SURV)	4-CC23-331.1
B	GOURLEY GERALD E	4-CC19-103	AS	NICHOLSON RALPH & PATRICIA (SURVIVOR)	4-CC23-331
C	GOURLEY GERALD E	4-C19K-57	AT	STANLEY TIMOTHY J & CASEY L (SURV)	4-CC23-335
D	MARCUM HATTIE	4-C19K-54	AU	MCGOWAN CLARENCE L & KATHERINE A (SURV)	4-CC23-335.1
E	BALLATO NICK & CHRISTOPHER	4-CC19-102	AV	HADDON ROBIN	3-B23R-74
F	OSETEK JOSEPH	4-C19K-53	AW	LONG DIANE E	3-B23S-4
G	NORFOLK & WESTERN RR	4-CC19-105	AX	HENSLER GERALD L	3-B23S-4.3
H	NORFOLK & WESTERN RR	4-CC19-105	AY	HENSLER GERALD L & WINIFRED J	3-B23S-1
I	NICKOLES CAROL L	4-CC19-129	AZ	HENSLER WM M & MARGARET R	3-B23S-2
J	PITTSBURGH & WV RAILROAD	4-CC19-134	BA	HENSLER WM M & MARGARET R	3-B23S-3
K	MARINO WILLIAM & MILDRED T	4-CC19-190	BB	EDWARDS MATTHEW H	3-B23S-4.1
L	COOK FAMILY REVOCABLE TRUST 4/20/17, MALSON SUSAN A	4-CC23-322	BC	PARR BRUCE	3-B23S-7
M	BURCH AMY J	4-CC23-67	BD	PEHANICH DIANNA L	3-B23S-8
N	HENTHORN WILLIAM E	4-CC23-71	BE	PEHANICH DIANA L	3-B23S-9
O	HENTHORN WILLIAM E	4-CC23-69	BF	PEHANICH DIANA L	3-B23S-10
P	WILLEY LYLE WILLIAM & GAIL LYNN HANES	4-CC23-73	BG	BATTISTA JULIE M RODGERS	3-B23S-10.1
Q	WILLEY GAIL LYNN	4-CC23-74	BH	CONAWAY MICHAEL B & LISA A (SURV)	3-B23S-11
R	PHILLIPS KEVIN CHARLES & HEATHER LEE (SURV)	4-CC23-74.1	BI	CONAWAY MICHAEL B & LISA A (SURV)	3-B23S-12
S	SPERLAZZA MARVIN P & LYNN A (SURV)	4-CC23-76	BJ	CONAWAY MICHAEL & LISA (SURV)	3-B23S-13
T	NORTHVIEW PROPERTIES LLC	4-CC23-78.1	BK	FADSE PATRICIA	3-B28D-1
U	HAUGHT JOSEPH B & LISA ANN (SURVIVORSHIP)	4-CC23-79	BL	FADSE PATRICIA & RICHARD VINCENT (JTWS)	3-B28D-2
V	SCHWERTFEGER NORMAN	4-CC23-80	BM	MONTELIONE DAVID K & AUTUMM. (JTWS)	3-B28D-3
W	CORE 24 INC	4-CC23-81	BN	MONTELIONE DAVID K & AUTUM M (JTWS)	3-B28D-4
X	MEADE STEPHEN M & JACKIE D	4-CC23-83	BO	LISH GARY W JR & JOILENE M (SURV)	3-B28D-21
Y	PATTERSON JAMES R	4-CC23-84	BP	DAWSON BRYAN A	3-B28D-20
Z	PATTERSON JAMES R	4-CC23-85	BQ	LAURI JOSEPH M	3-B28D-35
AA	CORWIN BRIAN	4-CC23-78	BR	KEISTER BETTY JOE	3-B28D-18
AB	HUBBARD SAMUEL	4-CC23-318	BS	DEGARMO PATRICK ALAN	3-B28D-17
AC	BANNEN JOHN J	4-CC23-317	BT	BEAR TRAK PROPERTIES LLC	3-B28D-16
AD	THOMPSON DEBRA J	4-CC23-319	BU	BERNARDINI ROBERT A & GINA M (SURV)	3-B28D-39
AE	SILVER CHARLES;HALSTEAD DONNA LIVINGOOD SHERRY (1/3)	4-CC23-327	BV	CARROLL LAWRENCE & DONNA (SURV)	3-B28D-40
AF	YOST CLARA E	4-CC23-328	BW	WILSON LORI K	3-B28D-41
AG	LYKE EUGENE F II	4-CC23-329.1	BX	WILSON LORI K	3-B28D-43
AH	FERGUSON JENNIFER & JESSICA	4-CC23-100	BY	VIDERMAN GEORGE & KAREN (SURV)	3-B28D-46
AI	HUBBARD SAMUEL H & SHELBA J (SURV)	4-CC23-88	BZ	CAMPBELL KURT E & NANCY A (LE-WILLIAM T&NOLA R CAMPBELL)	3-B28D-45.1
AJ	FELL HOWARD F	4-CC23-87	CA	VIDERMAN GEORGE & KAREN (SURV)	3-B28D-47
AK	ROBINSON ROBERT A & JACLYN J (SURV)	4-CC23-86.1	CB	POTTER ELIZABETH ANN	3-B28D-65
AL	HUBBARD SAMUEL H & SHELBA J (JTWS)	4-CC23-86.2	CC	POTTER ELIZABETH A	3-B28D-64
AM	ROBINSON ROBERT A & JACLYN JO (SURV)	4-CC23-99	CD	MILLER SMILEY R MILLER JENNY L (JTWS)	3-B28D-63
AN	ROBINSON ROBERT A & JACLYN JO (SURVIVOR)	4-CC23-98	CE	FRANKLIN CEMETERY ASSOCIATION TRUSTEES	3-B28D-66
AO	MCDONOUGH JEFFREY R ROTHWELL CHARLOTTE D (SURV)	4-CC23-89	CF	FRANKLIN METHODIST CHURCH	4-CC28-10
AP	MCDONOUGH JEFFREY R ROTHWELL CHARLOTTE D (SURV)	4-CC23-90	CG	MOORE MICHAEL A II & MOORE KIMBERLYL (JTWS)	4-CC28-11
AQ	LYKE ANNABELLE	4-CC23-330	CH	BERDINE FLOYD I (TOD)	4-CC29-1

01/19/2024

REVISIONS:	 		DATE: 06-26-2023
			API NO: 47-009-00334
	OPERATOR'S	NICK BALLATO BRK	DRAWN BY: Z. WOOD
	WELL #:	8H	SCALE: N/A
	DISTRICT:	CROSS CREEK	DRAWING NO: 2017-343
	COUNTY:	BROOKE	WELL LOCATION PLAT
	STATE:	WV	



ADJOINING OWNERS TABLE			ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL	TRACT	SURFACE OWNER	TAX PARCEL
CI	DEGARMO MARY K HERVEY	3-B29-1	DX	MARKS EDWARD ROBERT JR	4-CC23-309
CJ	THE BROOKE COUNTY PARK & RECREATION	3-B29-2	DY	MARKS EDWARD R JR	4-CC23-305
CK	BOARD OF EDUCATION - BROOKE COUNTY	4-CC29-3	DZ	CALVARESE MARINO & GRACE (SURV)	4-CC23-306
CL	RALSTON CHARLES L & SANDRA	4-CC29-4	EA	CALVARESE MARINO & GRACE (SURV)	4-CC23-307
CM	RALSTON CHARLES L & SANDRA	4-CC29-5	EB	SMITH SHARON M	4-CC23-300
CN	FERGUSON JASON G	4-CC29-76	EC	BELL CHARLES W & BARBARA (SURV)	4-CC23-299
CO	FREE METHODIST CHURCH	3-B29-4	ED	DUDA MICHAEL G & DEBORAH L (SURV)	4-CC23-298
CP	POTTER JAY M II;JOHN PAUL; SAUVE' PENNY POTTER	3-B29E-1	EE	BUCK PAUL J & GLORIA J	4-CC23-289
CQ	RADVANSKY JOHN GABRIEL	3-B29J-7	EF	BROZSTEK TODD A & KELLY R (SURV)	4-CC23-287
CR	COPERICH RICHARD M & BELINDA A (JTWS)	3-B29J-24	EG	MYERS GREGORY A & FRANCES A (JTWS) TOD	4-CC23-288
CS	COPERICH RICHARD M & BELINDA A (JTWS)	3-B29J-25	EH	HENTHORN WILLIAM E	4-CC23-51.21
CT	PARK & RECREATION COMMISSION	3-B29-14	EI	LUNSFORD JAMES	4-CC23-51.17
CU	PARK & RECREATION COMMISSION	3-B28-61	EJ	WILLIS DONNA L	4-CC23-425
CV	BROOKE COUNTY PARK ASSOCIATION	3-B28-60	EK	WILLIS DONNA L	4-CC23-424
CW	STARVAGGI INDUSTRIES INC	3-B28-63	EL	HENTHORN WILLIAM E	4-CC23-51.19
CX	BROOKE COUNTY PARK COMMISSION	3-B28-64	EM	LAZEAR LEONARD & JOAN L	4-CC23-109
CY	KNORR BERNARD JOHN III (L EST) KNORR BERNARD J JR % RUBY F	3-B28-57.1	EN	SMITH DONNA L	4-CC23-108
CZ	HANCHER ERIC DAVID	3-B28-57	EO	FILLINGER PAUL E & MARY M	4-CC23-107
DA	EATON JANICE	3-B28-56	EP	FILLINGER PAUL E & MARY M	4-CC23-110
DB	SCHUPBACH CHARLES EDWARD & ELSIE HELEN (SURV)	3-B28-55	EQ	NORTHVIEW PROPERTIES LLC	4-CC23-112
DC	HANCHER ERIC; GLASURE CHARLOTTE (SURV)	3-B28-54	ER	NORTHVIEW PROPERTIES LLC	4-CC23-111
DD	COEN CORINNA A	3-B28-53	ES	HENTHORN WILLIAM E	4-CC23-115
DE	MALONEY MARY ALICE	3-B28-52	ET	HENTHORN WILLIAM E	4-CC23-71
DF	HERVEY JAMES ROBERT & KAREN L (SURV)	3-B28B-46	EU	HELT JOHN M JR	4-CC23-116
DG	HERVEY JAMES ROBERT & KAREN L	3-B28-49	EV	SMITH JOYCE A	4-CC23-65
DH	HERVEY III WILLIAM JUDSON & THERESA J (SURV)	3-B23R-62.3	EW	HELT JOHN M JR	4-CC23-117
DI	SWN PRODUCTION COMPANY LLC	3-B23R-70	EX	SCHEY JONATHAN & AMANDA JTWS	4-CC23-118
DJ	RAGER RALPH B JR & TERRI (SURV)	3-B23R-69	EY	TAYLOR JAY;COEN CATHY (LE ROBERT G TAYLOR)_	4-CC23-119
DK	LIGHTNER VICKI LYNN	3-B23R-70.1	EZ	PARSONS BOBBIE JO MILLER (LE) CHRISTINE MILLER	4-CC23-120
DL	REES SHAWN P & CHRISSY M	3-B23R-68	FA	DEWITT LEONARD E III & BRENDA	4-CC23-121
DM	GALLAGHER SCOTT E & KAREN J (SURV)	3-B23R-65	FB	LEMASTERS LEMOIN A & CHARLENE L	4-CC23-122
DN	HERVEY WILLIAM JUDSON III & THERESA (SURV)	3-B23R-64	FC	LEMASTERS LEMOIN A & CHARLENE L	4-CC23-123
DO	HERVEY WILLIAM JUDSON III & THERESA J (SURV)	3-B23R-63	FD	HANES RANDY M	4-CC23-75
DP	HERVEY WILLIAM JUDSON 1/5 ROBERT 3/5 & MARY KATHERINE 1/5	3-B23R-62	FE	HANES RANDY M	4-CC23-61
DQ	COOPER MARK H	4-CC23-94	FF	RYAN TIMOTHY ALAN	4-CC23-60
DR	HERVEY RUSSELL C & LISA K (SURV)	3-B23R-62.1	FG	RYAN TIMOTHY ALAN	4-CC23-59
DS	HERVEY RUSSELL D & LISA K (SURV)	3-B23R-61.1	FH	NELSON FRANK LEE & CATHY ROSE (SURV)	4-CC23-58
DT	HERVEY MARY KAY	3-B23R-61	FI	HART TED L JR & RUTH B (SURV)	4-CC23-56
DU	LISH PAUL & PATRICIA ANN	3-B23R-57	FJ	BOYD CHARLES A; MCFADDEN JANICE L (SURV)	4-CC23-53
DV	WHITE ROBERT A & NANCY (SURV)	3-B23R-55	FK	MILLER GAREY C	4-CC23-54
DW	HARVEY PATRICK J & VIVIAN	4-CC23-316	FL	KOETSCH WILLIAM F	4-CC23-55
			FM	BASSETT JOHN K SR & MARSHA L (SURV)	4-CC23-45
			FN	BASSETT JOHN K SR & MARSHA L (SURV)	4-CC23-44
			FO	MCGOWAN LARRY E & BEULAH E	4-CC23-36

01/19/2024

REVISIONS:	 	
	COMPANY:	
	OPERATOR'S	NICK BALLATO BRK
	WELL #:	8H
	DISTRICT:	CROSS CREEK
	COUNTY:	BROOKE
	STATE:	WV
		DATE: 06-26-2023
		API NO: 47-009-00334
		DRAWN BY: Z. WOOD
		SCALE: N/A
		DRAWING NO: 2017-343
		WELL LOCATION PLAT

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
FP	MCGOWAN LARRY E & BEULAH E	4-C19P-49
FQ	AURSULESEI DRAGOS & ASHLEY (JTWS)	4-C19P-34
FR	CHERIPKO HELEN & ELAINE MARCUM JTWS	4-C19P-35
FS	NELSON JAMES G & MARILYN L	4-C19P-36
FT	PEPE TODD A; MITCHELL MICHELE R (LE- FRANCES D PEPE)	4-C19P-37
FU	SHIMKO LORI A & JOHN (JTWS)	4-C19P-38
FV	DELATORE WILLIAM LINCOLN & DENISE LYNN	4-C19P-39
FW	SHORTS SANDRA R & JAMES SR (JTWS)	4-C19P-40
FX	RAGAN MICHAEL M & BRENDA A	4-C19P-42
FY	RAGAN MICHAEL M & BRENDA A	4-C19P-41
FZ	SHIMKO JOHN M JR	4-C19K-39
GA	MILLER JERRY J & JESSICA R (SURV)	4-C19K-38
GB	AYERS SHIRLEY L	4-C19K-37
GC	AYERS SHIRLEY	4-C19K-40
GD	DOUGLAS GEORGE; SAMUEL; WALKER MARGARET ANN CASE	4-C19K-41
GE	DOUGLAS GEORGE L; SAMUEL; CASE MARGARET ANN	4-C19K-46
GF	MILLER ALLISON & ZACHARY FADSE JTWS	4-C19K-47
GG	TAYLOR SUSAN	4-C19K-48
GH	UNKNOWN OWNER	4-C19K-12
GI	RAGAN MAXINE	4-C19K-9
GJ	KIDWELL GEORGE SEBECK STEVE ETAL	4-C19K-8
GK	MCCOY PHILLIP & LUCY (SURV)	4-C19K-7
GL	HUFF THERESA A	4-C19K-6
GM	HUFF THERESA A	4-C19K-4
GN	FURDA MARLENE D & GREG A	4-C19K-2
GO	FERDA MARLENE ETAL EACH@1/3	4-C19K-1
GP	RIDGETOP APPALACHIA, LLC	4-CC19-100
GQ	FERDA MARLENE ETAL EACH @ 13	4-CC19-99
GR	FERDA MARLENE ETAL EACH @ 1/3	4-CC19-97
GS	WILLEY MELINDA	4-CC23-51.24
GT	COOPER MARK H	4-CC23-93
GU	STEWART DOUGLAS; STEWART JENNIFER	3-B28D-7
GV	STEWART DOUGLAS; STEWART JENNIFER (JTWS)	3-B28D-8
GW	BENNETT GLENN R & CORA B	3-B28D-9
GX	BENNETT GLENN R & CORA B	3-B28D-10
GY	BROOKE COUNTY PUBLIC SERVICE DISTRICT	3-B28D-13.1
GZ	BROOKE COUNTY PUBLIC SERVICE DISTRICT	3-B28D-14
HA	BROOKE COUNTY PARK ASSOCIATION	3-B28-67

01/19/2024

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