

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

API 47-009-00318 County BROOKE District CROSS CREEK
Quad STUEBENVILLE EAST, WV Pad Name OV ROYALTY TRUST LLC BRK PAD Field/Pool Name PANHANDLE FIELD WET
Farm name THE GENE CHARLES VALENTINE TRUST DATE 11/26/86 Well Number OV ROYALTY TRUST LLC BRK 5H
Operator (as registered with the OOG) SWN PRODUCTION COMPANY, LLC
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,459,551.266 Easting 535,340.747
Landing Point of Curve Northing 4,459,722.684 Easting 535,532.599
Bottom Hole Northing 4,465,489.325 Easting 533,277.190

Elevation (ft) 1180.7 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 Redrilling Rework 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

Date permit issued 2/22/2021 Date drilling commenced 1/23/2021 Date drilling ceased 2/09/2021
Date completion activities began 3/01/2021 Date completion activities ceased 3/30/2021
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 396 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 512 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 221 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

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Reviewed by: B.S.
08/27/2021

WR-35
Rev. 8/23/13

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CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	24	20	126	NEW	J-55/94#		Y
Surface	17.5	13.375	451	NEW	J-55/54.50#	155.8, 114.9	Y, 20 BBLS
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	1,571	NEW	J-55/36#		Y, 24 BBLS
Intermediate 2	12.25	9.625					
Intermediate 3							
Production	8.75/8.50	5.5	26,584	NEW	P-110/20#		Y, 198 BBLS
Tubing		2.375	6,458	NEW	P-110/6.5#		N
Packer type and depth set							

Comment Details _____

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	24
Surface	CLASS A					SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	561	15.60	1.18	661.98	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	5,625	15.00	1.30	7,312.5	SURFACE	24
Tubing							

Drillers TD (ft) 26,584 Loggers TD (ft) 26,584
 Deepest formation penetrated _____ Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 4,970'

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

SURFACE: 7 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 INTERMEDIATE: 24 CENTRALIZERS - EVERY THIRD JOINT OF CASING
 PRODUCTION: 181 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 OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
MARCELLUS	5,733' TVD	6,043' MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump
 SHUT-IN PRESSURE Surface 1885 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs
 OPEN FLOW Gas 3,481 mcfpd Oil 968 bpd NGL _____ bpd Water 1,807 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		
	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 ROAD City THE WOODLANDS State TX Zip 77380
 Cementing Company SCHLUMBERGER WELL SERVICES
 Address 1080 US-33 City WESTON State WV Zip 26452
 Stimulating Company SWN WELL SERVICES
 Address PO BOX 12359 City SPRING State TX Zip 77391-2359

Please insert additional pages as applicable.

Completed by BOBBY WILLIS Telephone 832-796-2884
 Signature [Signature] Title SENIOR REGULATORY ANALYST Date 6/9/2021

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Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry
 WV Department of Environmental Protection
08/27/2021

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	3/2/2021
Job End Date:	3/20/2021
State:	West Virginia
County:	Brooke
API Number:	47-009-00318-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	OV ROYALTY TRUST LLC BRK 5
Latitude:	40.28570400
Longitude:	-80.58424194
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,671
Total Base Water Volume (gal):	38,625,762
Total Base Non Water Volume:	0



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	90.03425	Density = 8.345
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	85.00000	0.23020	

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Sand	SWN Well Services	Proppant					
				Listed Below			
Tolicide PS 50A	SWN Well Services	Biocide					
				Listed Below			
Plexaid 655WG	SWN Well Services	Scale Inhibitor					
				Listed Below			
Ecopol-FEAC	SWN Well Services	Iron Control					
				Listed Below			
SWN FRW-11LC	SWN Well Services	Friction Reducer					
				Listed Below			
HCL	SWN Well Services	Solvent					
				Listed Below			
Econo-CI200	SWN Well Services	Corrosion Inhibitor					
				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	9.67228
		Hydrochloric Acid	7647-01-0	15.00000	0.03025
		Petroleum Distillates, Hydrotreated	64742-47-8	25.00000	0.01808
		Tetrakis	55566-30-8	55.00000	0.00677
		Glycerin	56-81-5	50.00000	0.00291

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			Ammonium Chloride	12125-02-9	2.00000	0.00145	
			Alcohols, C12-1, ethoxylated	68551-12-2	1.50000	0.00108	
			Oleic Acid Diethanolamide	93-83-4	1.50000	0.00108	
			Diethylenetriamine penta	15827-60-8	10.00000	0.00058	
			Acetic Acid	64-19-7	37.50000	0.00040	
			Methanol	67-56-1	80.00000	0.00025	
			Citric Acid	77-92-9	22.50000	0.00024	
			Acrylic acid terpolymer	397256-50-7	1.00000	0.00012	
			Oxyalkylated fatty acid	68951-67-7	9.67400	0.00003	
			Fatty acids	61790-12-3	5.02700	0.00002	
			Modified thiourea polymer	68527-49-1	4.74600	0.00001	
			Potassium acetate	127-08-2	0.02200	0.00000	
			Formaldehyde	50-00-0	0.00400	0.00000	

* 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)

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ATTACHMENT 1

PERF REPORT

STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
1	2/18/2021	26,496	26,406	36
2	3/2/2021	26,286	26,194	36
3	3/2/2021	26,161	25,983	36
4	3/3/2021	25,949	25,771	36
5	3/3/2021	25,738	25,560	36
6	3/3/2021	25,527	25,349	36
7	3/3/2021	25,316	25,137	36
8	3/4/2021	25,104	24,926	36
9	3/4/2021	24,893	24,715	36
10	3/4/2021	24,682	24,504	36
11	3/4/2021	24,470	24,292	36
12	3/5/2021	24,259	24,081	36
13	3/6/2021	24,048	23,870	36
14	3/6/2021	23,837	23,658	36
15	3/6/2021	23,625	23,447	36
16	3/6/2021	23,414	23,236	36
17	3/7/2021	23,203	23,025	36
18	3/7/2021	22,991	22,813	36
19	3/7/2021	22,777	22,598	36
20	3/7/2021	22,569	22,391	36
21	3/8/2021	22,357	22,179	36
22	3/8/2021	22,146	21,968	36
23	3/8/2021	21,935	21,757	36
24	3/8/2021	21,724	21,546	36
25	3/8/2021	21,512	21,334	36
26	3/9/2021	21,301	21,123	36
27	3/9/2021	21,090	20,912	36
28	3/9/2021	20,878	20,700	36
29	3/9/2021	20,667	20,489	36
30	3/10/2021	20,456	20,278	36
31	3/10/2021	20,245	20,067	36
32	3/10/2021	20,033	19,855	36
33	3/10/2021	19,822	19,644	36
34	3/10/2021	19,611	19,433	36
35	3/10/2021	19,399	19,221	36
36	3/11/2021	19,188	19,010	36
37	3/11/2021	18,977	18,799	36
38	3/11/2021	18,766	18,587	36
39	3/11/2021	18,554	18,376	36
40	3/11/2021	18,343	18,165	36
41	3/12/2021	18,132	17,954	36
42	3/12/2021	17,920	17,740	36
43	3/12/2021	17,712	17,531	36
44	3/12/2021	17,498	17,320	36
45	3/12/2021	17,287	17,108	36
46	3/12/2021	17,075	16,897	36
47	3/13/2021	16,864	16,686	36
48	3/13/2021	16,653	16,480	36
49	3/13/2021	16,441	16,267	36
50	3/13/2021	16,230	16,056	36
51	3/13/2021	16,019	15,841	36

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STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG
52	3/13/2021	15,808	15,629	36
53	3/14/2021	15,596	15,418	36
54	3/14/2021	15,382	15,207	36
55	3/14/2021	15,172	14,996	36
56	3/14/2021	14,962	14,784	36
57	3/14/2021	14,751	14,573	36
58	3/14/2021	14,540	14,362	36
59	3/15/2021	14,328	14,150	36
60	3/15/2021	14,117	13,938	36
61	3/15/2021	13,908	13,728	36
62	3/15/2021	13,695	13,517	36
63	3/15/2021	13,483	13,305	36
64	3/15/2021	13,272	13,094	36
65	3/16/2021	13,061	12,883	36
66	3/16/2021	12,849	12,671	36
67	3/16/2021	12,638	12,460	36
68	3/16/2021	12,427	12,249	36
69	3/16/2021	12,216	12,037	36
70	3/16/2021	12,004	11,826	36
71	3/17/2021	11,793	11,620	36
72	3/17/2021	11,582	11,404	36
73	3/17/2021	11,370	11,192	36
74	3/17/2021	11,159	10,981	36
75	3/17/2021	10,948	10,770	36
76	3/17/2021	10,737	10,558	36
77	3/17/2021	10,525	10,347	36
78	3/18/2021	10,314	10,136	36
79	3/18/2021	10,103	9,925	36
80	3/18/2021	9,891	9,713	36
81	3/18/2021	9,680	9,502	36
82	3/18/2021	9,469	9,291	36
83	3/18/2021	9,258	9,079	36
84	3/18/2021	9,046	8,868	36
85	3/18/2021	8,835	8,657	36
86	3/18/2021	8,624	8,446	36
87	3/19/2021	8,412	8,234	36
88	3/19/2021	8,201	8,023	36
89	3/19/2021	7,990	7,812	36
90	3/19/2021	7,778	7,600	36
91	3/19/2021	7,567	7,389	36
92	3/20/2021	7,356	7,178	36
93	3/20/2021	7,145	6,967	36
94	3/20/2021	6,933	6,755	36
95	3/20/2021	6,722	6,544	36
96	3/20/2021	6,511	6,333	36
97	3/20/2021	6,299	6,121	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	3/2/2021	78.5	7,877	6,721	4,225	203,120	6,887	0
2	3/2/2021	93.4	8,203	5,421	4,111	373,560	12,779	0
3	3/2/2021	93.2	8,180	4,783	4,211	358,640	11,466	0
4	3/3/2021	85.1	8,091	3,710	4,900	355,830	11,055	0
5	3/3/2021	81.4	8,100	4,025	4,135	356,540	11,047	0
6	3/3/2021	84.4	8,061	5,692	4,029	365,660	11,190	0
7	3/4/2021	98.5	8,249	4,526	4,421	355,760	10,803	0
8	3/4/2021	94.8	8,084	5,247	4,215	352,200	10,739	0
9	3/4/2021	91.42	8,211	5,505	4,132	354,840	12,018	0
10	3/4/2021	90.5	8,282	5,526	4,211	361,200	10,619	0
11	3/4/2021	91	8,216	5,336	4,336	354,520	10,545	0
12	3/5/2021	90.6	8,021	5,435	4,495	350,740	11,200	0
13	3/6/2021	91.2	8,200	5,217	4,132	352,260	10,937	0
14	3/6/2021	92.7	8,073	4,580	3,867	353,820	10,867	0
15	3/6/2021	87.6	7,882	5,245	3,978	357,930	10,458	0
16	3/6/2021	94.8	8,306	5,269	4,151	361,520	10,979	0
17	3/7/2021	93.7	8,229	5,246	3,962	355,520	11,631	0
18	3/7/2021	88.7	7,981	4,408	3,942	356,180	10,692	0
19	3/7/2021	90	8,068	4,471	4,216	359,960	10,704	0
20	3/7/2021	90.1	8,176	4,856	4,379	369,360	11,390	0
21	3/8/2021	96.8	8,290	4,790	4,162	357,680	11,190	0
22	3/8/2021	88.6	7,978	5,135	4,053	351,520	10,521	0
23	3/8/2021	88.4	8,041	4,880	4,174	362,440	10,506	0
24	3/8/2021	98.4	8,261	4,567	3,915	362,960	10,564	0
25	3/9/2021	95.3	8,255	5,218	4,228	354,220	10,522	0
26	3/9/2021	92.5	7,960	5,298	4,362	353,900	10,319	0
27	3/9/2021	90.4	7,902	5,052	4,268	360,440	10,515	0
28	3/9/2021	89.1	7,913	5,221	3,674	359,800	10,205	0
29	3/9/2021	99	8,012	5,231	4,047	358,520	10,269	0
30	3/10/2021	99.1	8,111	4,826	4,271	351,180	10,022	0
31	3/10/2021	93.1	7,694	4,862	3,821	359,100	10,382	0
32	3/10/2021	92.3	7,484	4,226	4,018	361,520	10,411	0
33	3/10/2021	92.7	7,821	5,069	4,298	360,960	10,076	0
34	3/10/2021	99.7	7,940	4,335	4,283	365,860	10,243	0
35	3/11/2021	97.6	8,116	5,198	4,118	355,850	10,072	0
36	3/11/2021	93	7,681	5,249	4,212	364,360	10,337	0
37	3/11/2021	93.5	7,914	4,078	3,914	361,420	10,046	0
38	3/11/2021	94.2	7,771	5,385	4,123	364,380	10,030	0
39	3/11/2021	99	7,624	5,261	4,476	360,580	9,864	0
40	3/11/2021	97.6	7,806	5,162	3,922	360,640	10,154	0
41	3/12/2021	99	7,839	4,365	4,481	360,720	9,904	0
42	3/12/2021	94.2	7,818	5,272	4,173	357,080	10,036	0
43	3/12/2021	93.9	7,853	5,105	4,136	362,580	9,792	0
44	3/12/2021	94.7	7,759	5,331	4,269	359,280	9,472	0
45	3/12/2021	99	7,816	5,354	4,396	356,940	9,500	0
46	3/12/2021	98.6	7,686	5,251	4,496	363,160	9,596	0
47	3/13/2021	99.9	7,884	4,231	4,167	360,280	9,372	0
48	3/13/2021	95.6	7,743	5,027	4,132	361,180	9,438	0
49	3/13/2021	95.2	7,729	4,916	4,244	358,460	9,428	0
50	3/13/2021	95.2	7,591	5,077	4,066	361,100	9,449	0
51	3/13/2021	99.4	7,580	5,023	4,156	365,400	9,620	0
52	3/13/2021	98.8	8,115	4,937	4,360	356,590	9,495	0
53	3/14/2021	98.9	7,658	5,316	4,148	361,740	9,307	0

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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
54	3/14/2021	95.7	7,674	5,059	4,036	360,320	9,244	0
55	3/14/2021	94.6	7,695	4,080	4,012	355,780	9,371	0
56	3/14/2021	94.3	7,846	3,679	4,481	363,680	9,297	0
57	3/14/2021	98	7,625	5,306	4,452	358,660	9,924	0
58	3/14/2021	98	7,512	4,936	4,406	352,660	9,405	0
59	3/15/2021	98	7,794	4,939	4,113	357,760	9,084	0
60	3/15/2021	94	7,702	5,252	4,145	358,600	9,228	0
61	3/15/2021	93.1	7,639	5,253	4,131	359,260	9,252	0
62	3/15/2021	98.3	7,646	5,104	4,210	359,600	9,103	0
63	3/15/2021	98.9	7,379	5,189	4,451	364,500	9,252	0
64	3/15/2021	98.3	7,107	4,877	4,531	356,740	8,672	0
65	3/16/2021	99.6	7,495	5,304	4,233	364,180	9,156	0
66	3/16/2021	97.42	7,234	4,226	4,120	362,500	9,673	0
67	3/16/2021	87.78	7,497	4,997	3,964	234,000	8,585	0
68	3/16/2021	86.91	7,256	5,307	4,056	361,640	10,221	0
69	3/16/2021	97.6	7,458	5,342	4,113	367,000	9,248	0
70	3/16/2021	100	7,147	4,666	4,215	359,580	9,195	0
71	3/17/2021	99	6,967	5,298	4,269	359,520	9,329	0
72	3/17/2021	99.6	6,732	5,110	3,860	356,680	8,922	0
73	3/17/2021	100.6	6,580	5,180	4,137	363,800	9,108	0
74	3/17/2021	98.4	6,683	5,011	4,134	361,860	9,238	0
75	3/17/2021	92.42	6,877	5,211	4,256	366,820	7,842	0
76	3/17/2021	100.5	6,663	5,177	4,124	362,000	7,848	0
77	3/17/2021	101	6,930	5,242	4,176	359,060	7,755	0
78	3/18/2021	100.5	6,895	5,071	4,035	363,260	7,712	0
79	3/18/2021	100.6	6,721	5,188	4,071	360,940	7,776	0
80	3/18/2021	97.8	6,882	5,024	3,947	359,920	7,650	0
81	3/18/2021	99	6,706	4,897	4,190	364,200	7,480	0
82	3/18/2021	99.7	6,411	5,161	4,201	360,090	7,784	0
83	3/18/2021	99.7	6,041	5,012	4,255	356,460	7,810	0
84	3/18/2021	100.67	6,386	4,989	4,142	363,140	9,639	0
85	3/18/2021	100.3	6,719	5,403	4,114	364,560	8,011	0
86	3/19/2021	100.6	6,963	4,817	4,160	362,020	7,546	0
87	3/19/2021	99.9	6,719	5,023	4,214	366,340	7,557	0
88	3/19/2021	99.2	6,603	4,435	4,411	357,440	7,525	0
89	3/19/2021	100.9	6,219	5,045	4,167	365,880	7,609	0
90	3/19/2021	100.8	6,046	4,900	4,181	360,460	7,454	0
91	3/19/2021	100.9	6,007	4,902	4,216	355,980	7,360	0
92	3/20/2021	100.6	5,969	4,911	4,166	356,440	7,269	0
93	3/20/2021	100.9	6,142	5,089	4,305	358,640	7,501	0
94	3/20/2021	100.3	5,808	5,058	4,473	362,480	7,315	0
95	3/20/2021	99.8	6,059	5,015	4,321	359,340	7,278	0
96	3/20/2021	98.79	6,156	5,108	4,021	361,380	9,308	0
97	3/20/2021	100.5	5,993	5,158	4,254	361,600	7,389	0

RECEIVED
Office of Oil and Gas

JUN 10 2021

WV Department of
Environmental Protection
08/27/2021



Well Name: **OV ROYALTY TRUST LLC BRK 5H** **47009003180000**

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	396.00	396.00	
Top of Salt Water	512.00	512.00	NA	NA	
Pittsburgh Coal	221.00	221.00	227.00	227.00	
Pottsville (ss)	306.00	306.00	380.00	380.00	
Raven Cliff (ss)	752.00	752.00	891.00	891.00	
Big Injun (ss)	1354.00	1354.00	1488.00	1488.00	
Berea (siltstone)	1796.00	1795.00	1833.00	1831.00	
Rhinestreet (shale)	5342.00	5237.00	5613.00	5472.00	
Cashaqua (shale)	5613.00	5472.00	5681.00	5524.00	
Middlesex (shale)	5681.00	5524.00	5763.00	5582.00	
Burket (shale)	5763.00	5582.00	5787.00	5599.00	
Tully (ls)	5787.00	5599.00	5874.00	5653.00	
Mahantango (shale)	5874.00	5653.00	6043.00	5733.00	
Marcellus (shale)	6043.00	5733.00	NA	NA	GAS

RECEIVED
 Office of Oil and Gas
 WV Department of
 Environmental Protection
 JUN 10 2021

Latitude: 40°17'30" N

SURFACE HOLE 253'

Latitude: 40°22'30" N

BOTTOM HOLE 6,931'

JACKSON SURVEYING INC.

2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

Table with 3 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LPL), BOTTOM HOLE LOCATION (BHL). Each row contains UTM coordinates (NAD83, ZONE 17, METERS) for Northing and Easting.

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

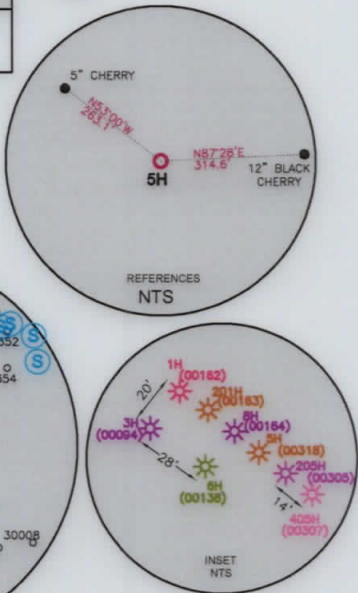


Table with 3 rows: SURFACE HOLE LOCATION (SHL), LANDING POINT LOCATION (LPL), BOTTOM HOLE LOCATION (BHL). Each row contains UTM coordinates (NAD83, ZONE 17, METERS) for Northing and Easting.

SHL
BOTTOM HOLE 13,011'
SURFACE HOLE 2,172'

Longitude: 80°35'00" W

Longitude: 80°35'00" W

Longitude: 80°35'00" W

Longitude: 80°35'00" W

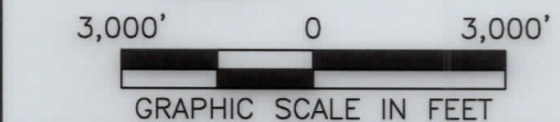
Longitude: 80°35'00" W

Longitude: 80°35'00" W

Longitude: 80°35'00" W

Longitude: 80°35'00" W

Longitude: 80°35'00" W



GRAPHIC SCALE IN FEET

Table with 4 columns: LINE, BEARING, DISTANCE, DESCRIPTION, MONUMENT. Contains survey data for lines L1, L2, and L3.

WELL RESTRICTIONS

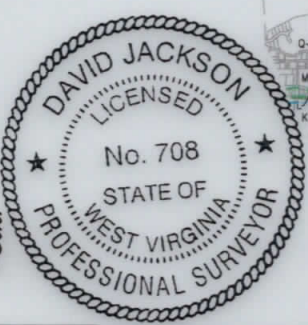
- 1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. NO WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 250 FEET OF PROPOSED WELL.
4. NO PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 100 FEET OF THE LIMITS OF DISTURBANCE.
5. NO NATURALLY PRODUCING TROUT STREAM WITHIN 300 FEET OF LIMITS OF DISTURBANCE.
6. NO GROUND INTAKE OR PUBLIC WATER SUPPLY WITHIN 1000 FEET OF WELL PAD, LIMITS OF DISTURBANCE, E & S CONTROLS OR PUBLIC WATER SUPPLY.

NOTES ON SURVEY

- 1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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. 708 David L Jackson



COMPANY: SWN Production Company, LLC SWN Production Company™

Table with 2 columns: Well information (WVDEP address, accuracy, proven source) and Operator information (Operator's Well #, API Well #, State, County, Permit).

Form with fields for Well Type, Watershed, District, Surface Owner, Oil & Gas Royalty Owner, Drill options, Convert options, Target Formation, and Estimated Depth.

Table with 2 columns: Well Operator (SWN Production Company, LLC) and Designated Agent (Brittany Woody) with their respective addresses and contact information.

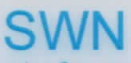

Table with 2 columns: Legend (Proposed Surface Hole, Existing Wellhead, LPL, Existing Water Well, Existing Spring) and Revisions/Date information.

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

DETAIL "A"

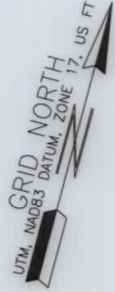


08/27/2021

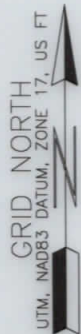
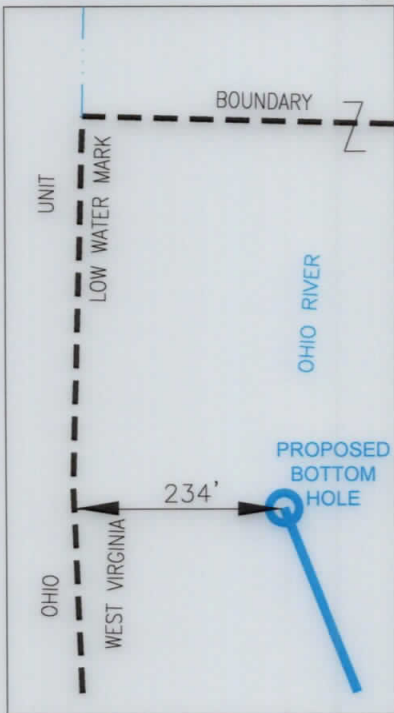
REVISIONS:	COMPANY:		 	
	OPERATOR'S OV ROYALTY TRUST LLC BRK		API #:	DATE: 04-30-2021
	WELL #: 5H		47-009-00318	DRAWN BY: N. MANO
	DISTRICT: CROSS CREEK	COUNTY: BROOKE	STATE: WV	SCALE: N/A
			DRAWING NO: WELL LOCATION PLAT 2	

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

DETAIL "B"



DETAIL "C"



08/27/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	OV ROYALTY TRUST LLC BRK	API #:
	WELL #:	5H	47-009-00318
	DISTRICT:	CROSS CREEK	STATE:
	COUNTY:	BROOKE	WV
			DATE:
			04-30-2021
			DRAWN BY:
			N. MANO
			SCALE:
			N/A
			DRAWING NO:
			WELL LOCATION PLAT 3



JACKSON SURVEYING
INC.
2413 EAST PIKE ST. # 112
Clarksburg, WV 26302
304-623-5851

WELL BORE TRACTS		
TRACT	SURFACE OWNER (S) /ROYALTY OWNER (R)	TAX PARCEL
1	VALENTINE GENE CHARLES THE TRUST OF 11/26/86 (S/R)	04-CC22-41
TRACT	SURFACE OWNER (S)	TAX PARCEL
2	KIRCHNER CHARLES; ALLEMAN JUDITH KIRCHNER ET AL (S)	04-CC23-230
3	FREEMAN LAWRENCE M SR (S)	04-CC22-25
4	MICHAUX RON ETAL (LC-JASON & DEANNA GALLOWAY) (S)	04-CC22-22
5	SNODGRASS ERIN N (S)	04-CC22-21
6	TAYLOR DONALD C JR; WILLIAMS JOAN ET AL (S)	04-CC22-20
7	GEORGE EVA (S)	04-CC18-49
8	BOYD THOMAS M;RICHARD A; DAVIDS TRUSTESS IN TRUST THOMAS J (S)	04-CC18-57
9	BOARD OF EDUCATION (S)	04-CC18-33
10	BOARD OF EDUCATION (S)	04-CC18-34
11	BOARD OF EDUCATION (S)	04-CC18-35
12	BOARD OF EDUCATION (S)	04-CC18-37
13	PITTSBURGH & WVW RAILWAY CO (S)	04-CC18-30
14	NORFOLK & WESTERN RAILWAY CO (S)	04-C19K-18
15	BOARD OF EDUCATION (S)	04-CC18-31
16	BOFFO FAMILY LIMITED PARTNERSHIP (S)	04-CC18-7
17	BOFFO FAMILY LIMITED PARTNERSHIP (S)	04-CC18-5
18	BISHOP CATHOLIC DIOCESE WHG/CHARLESTON (S)	04-CC18-2
19	GRANTONIC MARY JO & FLOYD J POGGI HRS (S)	04-CC18-14
20	STATE OF WV (S)	ROUTE 2
21	NORFOLK SOUTHERN RAILWAY COMPANY (S)	RAILROAD
22	BELLAIRE HARBOR SERVICE LLC (LC-REBECCA JOHNSON) (S)	05-F18C-04
23	STATE OF WV (S)	OHIO RIVER
24	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE (S)	05-F14L-181

ADJOINING OWNERS TABLE		
TRACT	Surface owners	TAX PARCEL
A	LUNSFORD JAMES	04-CC23-203
B	SCHIAPPA AND COMPANY INC	04-CC28-2
C	TRAUBERT JOHN W & NANCY	04-CC23-234
D	LISH PAUL & PATRICIA ANN(SURV)	04-CC22-50
E	OV ROYALTY TRUST LLC	04-CC22-49
F	CONAWAY RONALD,DONALD;PATRICIA	04-CC22-47
G	DONINI SAMUEL J & MELANIE A(SURV)	04-CC22-45
H	MCGOWAN LOUIS M & TINA L(SURV)	04-CC22-44
I	MCGOWAN LOUIS M	04-CC22-43
J	TENNANT RODNEY LEE	04-CC22-42
K	BOBER JOHN C III & JENNIFER R (SURV)	07-W22L-18
L	UNKNOWN OWNER	07-W22L-17
M	FRYER RICHARD L	07-W22L-11
N	ICE CHRISTINE L	07-W22L-8
O	ICE CHRISTINE L	07-W22L-9
P	ICE CHRISTINE L	07-W22L-10
Q	CLEMONS LARRY N & SANDRA K	07-W22L-4
R	UNKNOWN OWNER	07-W22L-5
S	RIGGS WILLIAM	04-C22G-82
T	ZAMPINI ROBERT J	04-C22G-81
U	ZAMPINI ROBERT J	04-C22G-80
V	MILLER FRANK & CONNIE	04-C22G-79
W	COLLEY JACKIE RAY & ROBERTA G	04-C22G-64
X	COLLEY JACKIE & ROBERTA	04-C22G-63
Y	FRAGALE FRANKLIN	07-W22G-7
Z	WHITE JOHN; ROBERT; FREY SHARON; LE-KATHRYN, JEFFREY & RALPH WHITE	07-W22G-5
A2	WHITE JOHN; ROBERT; FREY SHARON; LE-KATHRYN, JEFFREY & RALPH WHITE	04-C22G-8
B2	ROTHWELL DAVID R & WYNONNA	04-C22G-19
C2	BASSETT JOHN KELLY SR & MARSHA L	04-C22G-20
D2	FOWLER JUDITH L	04-C22G-31
E2	PRICE VIRGINIA	04-C22G-33
F2	ENNIS GEORGE; (LC JOSEPH A HARBIN & CROSS CHANNING M)	04-C22G-44
G2	ENNIS GEORGE F; (LC JOSEPH A HARBIN & CROSS CHANNING M)	04-C22G-45
H2	MILLER EARL W JR	04-C22G-46
I2	KOSCEVIC MARK	04-C22G-32
J2	SMITH TERRY L & LORA J	04-C22C-122
K2	CARUSO FRANK & LISA C (SURV)	04-C22G-60
L2	BOGGS CHARLES R	04-C22G-57
M2	ISINGHOOD CHARLES SR	04-CC22-32
N2	GEORGE JIMMIE D & ROBIN J	04-CC22-31
O2	ADAMS DALE E & MARY K (SURV)	04-CC22-30
P2	DIPASQUALE STEVEN P & MARCY (SURVIVOR)	04-CC22-26
Q2	MITCHELL SCOTT E	04-CC22-27
R2	BEATTY JAY M & BARBRA	04-CC22-28

ADJOINING OWNERS TABLE		
TRACT	Surface owners	TAX PARCEL
S2	CLEM DONALD E SR & LINDA A (SURV)	04-CC22-19
T2	TAYLOR DUANE & DANA (SURVIVORSHIP)	04-CC22-20.2
U2	TAYLOR DUANE EDWARD & DANA ANN (SURV)	04-CC22-20.1
V2	LOUDIN ROBERT E	04-CC22-13
W2	TAYLOR DUANE R	04-CC22-02
X2	CARBASHO DAVE & STEPHANIE (SURV)	04-CC18-56
Y2	BARTZ MARTIN J JR	04-CC18-55
Z2	REED CAROL	04-CC22-01
A3	PRICE EARL D ; ROSSER LINDA L (SURV)	04-C22C-163
B3	NURMI MYRTLE COX (1/4 INT) & OTHERS (3/4 INT)	04-CC18-39
C3	BOYD THOMAS M ; RICHARD A ;	04-CC18-58
D3	UNITED STATES OF AMERICA	04-CC18-38
E3	PITTSBURGH & WVA RAILWAY CO	04-CC18-29
F3	NORFOLK & WESTERN RAILWAY CO	04-CC18-28
G3	PITTSBURGH & WVA RAILWAY CO	04-CC18-27
H3	PITTSBURGH & WVA RAILWAY CO	04-CC18-21
I3	BELLAIRE HARBOR SERVICES LLC (LE-REBECCA JOHNSON)	04-CC18-20
J3	BELLAIRE HARBOR SERVICES LLC (LE-REBECCA JOHNSON)	04-CC18-19
K3	BELLAIRE HARBOR SERVICES LLC (LE-REBECCA JOHNSON)	04-CC18-18
L3	MOUNTAIN STATE CARBON LLC	05-0F10-14.3
M3	KOPPERS INDUSTRIES INC	05-0F14-01
N3	TRIMODAL TERMINAL LP	05-F14G-01
O3	TRIMODAL TERMINAL LP	05-F14G-133
P3	TRIMODAL TERMINAL LP	05-F14L-01
Q3	WHEELING NISSHIN INC	05-F14L-03
R3	FOLLANSBEE CITY OF	05-F14L-03.1
S3	FOLLANSBEE CITY OF	05-F14L-04
T3	FOLLANSBEE CITY OF	05-F14R-01
U3	FOLLANSBEE CITY OF	05-F14R-02
V3	WHEELING NISSHIN INC	05-F14R-03.1
W3	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE	05-F14R-03
X3	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE	05-F14R-58
Y3	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE	05-F14R-59
Z3	FOLLANSBEE CITY OF	05-F14R-60
A4	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE	05-F14R-61
B4	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE	05-F14R-62
C4	BUSINESS DEVELOPMENT CORP OF THE NORTHERN PANHANDLE	05-F14R-63
D4	BAIRD WILLIAM C III & CYNTHIA (SURV)	05-F14R-64
E4	BAIRD WILLIAM C III & CYNTHIA (SURV)	05-F14R-65
F4	LODGE RONALD G	05-F14C-01
G4	SHUTE CHARLES L & CATHERINE (SURV)	05-F14C-02
H4	SHUTE BRIAN P	05-F14C-03
I4	YEATER BROOKS	05-F18C-10
J4	BENZO SYLVIA J	05-F18C-09
K4	BENZO SYLVIA J	05-F18C-08
L4	ALLMAN RENEE M	05-F18C-07
M4	ALLMAN RENEE M	05-F18C-06
N4	DESTEFANO DOLORES J	05-F18C-05
O4	BELLAIRE HARBOR SERVICES LLC (LE-REBECCA JOHNSON)	04-CC18-17

08/27/2021


REVISIONS:	COMPANY:	 	
	OPERATOR'S	API #:	DATE: 04-30-2021
	WELL #:	47-009-00318	DRAWN BY: N. MANO
	DISTRICT:	STATE:	SCALE: N/A
	CROSS CREEK	WV	DRAWING NO:
	COUNTY:		WELL LOCATION PLAT 4
	BROOKE		

JACKSON SURVEYING
 INC.
 2413 EAST PIKE ST. # 112
 Clarksburg, WV 26302
 304-623-5851

ADJOINING OWNERS TABLE		
TRACT	Surface owners	TAX PARCEL
P4	LOMBARDI DANIEL PATRICK	04-CC18-16
Q4	LOMBARDI DANIEL P	04-CC18-15
R4	KLINE DANIEL A	05-F18C-39
S4	MCCALLISTER RANDY M JR	05-F18C-38
T4	SECRIST MATT C & KYLEE D	05-F18C-37
U4	MOSSER DENISE A	05-F18C-36
V4	POGGI ILONA	04-CC18-01
W4	DESIMONE MARK D & PENNY J	04-C14S-34
X4	KOKOS GEORGE	04-C14S-35
Y4	BINE MICHAEL J	04-C14S-48
Z4	TENNANT MARK ; CHARITY C (JTWS)	04-C14S-49
A5	COLUMBIA GAS	04-CC18-03
B5	FOLLANSBEE CITY OF	04-CC18-04
C5	JAC FRED A WV LLA A NORTH CAROLINA LLC	04-CC18-06
D5	LG OHI FOLLANSBEE LLC ; OHI LG ASSET MANAGEMENT LLC	04-CC18-08
E5	LG OHI FOLLANSBEE LLC ; OHI LG ASSET MANAGEMENT LLC	04-CC18-09
F5	LG OHI FOLLANSBEE LLC ; OHI LG ASSET MANAGEMENT LLC	04-CC18-10
G5	JAC FRED A WV LLA A NORTH CAROLINA LLC	04-CC18-11
H5	ORBAN KENT	04-CC18-12
I5	WILLIAMS BURL R JR	04-C14S-218
J5	EICHNER MICHAEL & LINDA S	04-C14S-74
K5	EICHNER MICHAEL A & LINDA S (SURV)	04-C14S-75
L5	BOFFO CARL & TAMMY SUE (SURV)	04-C14S-76
M5	FRANKENFIELD TERRY L & CHERYL L (SURV)	04-C14S-77
N5	PRITCHARD STEPHEN & BARBARA	04-C14S-78
O5	BARNHART DAVID W & PAMELA A	04-C14S-79
P5	MCCOY RAYMOND H JR & CYNTHIA S (SURV)	04-C14S-80
Q5	DEARTH RICHARD C & STACEY A (SURV)	04-C14S-81.1
R5	BEATTY BRIAN	04-C14S-81.2
S5	BEATTY BRIAN L	04-C14S-219
T5	BEATTY BRIAN L	04-C14S-226
U5	RAY CHRISTOPHER O & KAREN L (SURV)	04-C14S-225
V5	BARBETTA MARK & DAWN	04-C14S-222
W5	BARBETTA MARK & DAWN	04-C14S-81.4
X5	ROKSANDICH MICHAEL P & KELLY J	04-C14S-81.3
Y5	WILLIAMS GARY L & SHARON J	04-C14S-84
Z5	BURCH AARON	04-C14S-97
A6	SHAWN BONNIE S	04-C14S-98
B6	BOFFO CARL & TAMMY SUE	04-C14S-128
C6	JAC FRED A WV LLA A NORTH CAROLINA LLC	04-C14S-129
D6	JAC FRED A WV LLA A NORTH CAROLINA LLC	04-C14S-130
E6	JAC FRED A WV LLA A NORTH CAROLINA LLC	04-C14S-131
F6	FRIEND LAURA M	04-C14S-132
G6	FRIEND ERNEST C JR & ROSALIND	04-C14S-153
H6	BINGIEL JAMES R SR	04-C14S-152
I6	ADAMS RAY L & LISA M (SURV)	04-C14S-133
J6	PENROD RONALD C & JUDITH A	04-C14S-134
K6	LOPEZ CHAS & AURORA	04-C14S-135
L6	KIRTLEY SHIRLEY M	04-C14S-136
M6	PINTUS MEGAN E	04-C14S-137
N6	WILLIAMS TIFFANY	04-C14S-138
O6	SMITH BRIAN L & DAWN E (SURV)	04-C14S-139
P6	KUZMA JOHN M & PATRICIA A	04-C14S-140
Q6	SANDRETH ELMER JR & REBECCA	04-C14S-141
R6	BOREMAN THOMAS E & SHARON	04-C14S-142
S6	BOREMAN THOMAS & SHARON (SURV)	04-C14S-223
T6	POWELL GARY W	04-C14S-143
U6	WAUGH HAROLD & SHIRLEY	04-C14S-174
V6	WAUGH HAROLD & SHIRLEY	04-C14S-175
W6	WAUGH HAROLD & SHIRLEY	04-C14S-176
X6	FOLLANSBEE CITY OF	04-C14S-177
Y6	CIONNI TERESA	04-C15N-58
Z6	TRAUBERT NORMA B., ET AL	04-C15N-77

ADJOINING OWNERS TABLE		
TRACT	Surface owners	TAX PARCEL
A7	STIFT SHERI A	04-C15N-87
B7	RICHARDSON DEAN & SHARON	04-C19A-10
C7	FORD ANGELA	04-C19A-106
D7	SECRIST WILLIAM D JR	04-C19A-116
E7	SNYDER RICK & ESTHER	04-C19A-117
F7	BOFFO VERA HUNT	04-C19A-137
G7	WEEKS JADE M & CHRISTOPHER D (JTWS)	04-C19E-138
H7	GEARY BARBARA	04-C19E-146
I7	JONES JAMES H JR; KEVIN ; CORDER DIANA L	04-C19E-04
J7	ROSONOVICH GEORGE F & ANNE	04-C19E-05
K7	HENLINE DARRELL & DONNA (SURV)	04-C19E-06
L7	BELL REBECCA S ; THOMAS C. (SURV)	04-C19E-07
M7	BELL REBECCA S ; THOMAS C. (SURV)	04-C19E-09
N7	MCABEE DONALD P & DENA D	04-C19E-10
O7	FODOR JEFFERY LOUIS & DREMA DAWN	04-C19E-12
P7	HOOKER BETH, JOSHUA A, JOSEPH C.	04-C19E-14
Q7	ROWLAND RALPH W & WILDA K	04-C19E-17
R7	MCGOWAN VIRGINIA L JOHNSON	04-C19E-19
S7	NORCROSS DONALD K; BARNES LURA R NORCROSS	04-C19E-24
T7	FRITZ JACKIE L & KEVIN M (SURV)	04-C19E-27
U7	BOARD OF EDUCATION	04-CC19-38
V7	BOFFO FAMILY LIMITED PARTNERSHIP	04-CC18-32
W7	NORFOLK & WESTERN RAILWAY CO	04-C19K-18
X7	BOARD OF EDUCATION	04-CC18-36
Y7	BROOKE COUNTY COMMISSION	04-CC19-193
Z7	BOARD OF EDUCATION, BROOKE COUNTY	04-CC19-38.1
A8	BURNS JAMES; COLLINS RANDY	04-CC19-14
B8	BLACK CLARENCE T JR; TAMMY L BLACK	04-CC19-36
C8	BLACK CLARENCE T JR; TAMMY L BLACK	04-CC19-35
D8	KOWALCZYK RANDY & LINDA LOUISE (SURV)	04-CC19-34
E8	KOWALCZYK RANDY & LINDA LOUISE (SURV)	04-CC18-33
F8	KOWALCZYK RANDY & LINDA LOUISE (SURV)	04-CC18-32
G8	JOHNSON TERRY R & BETH ANN	04-CC19-28
H8	RYAN RICHARD E & CAROLYN G	04-CC19-27
I8	MCALFEER TRAVIS JAMES ; PIEHS KAREN A	04-CC19-26
J8	MARKER PHYLLIS	04-CC18-41
K8	HOSLER JOHN P & GERALDINE SURV	04-CC18-42
L8	BUCHWACH JAMES D	04-CC18-43
M8	DOUBLES JEAN SHIRLEY	04-CC18-44
N8	HIMMELRICK ROBIN L	04-CC18-45
O8	HENTHORN GARY	04-CC18-46
P8	HIMMELRICK ROBIN L	04-CC18-47
Q8	GEORGE EVA	04-CC18-48
R8	GEORGE EVA	04-CC18-52
S8	GEORGE EVA	04-CC18-53
T8	MCGOWAN DANIEL & MARJORIE G	04-CC19-06
U8	PRICE DONNA MARIE	04-CC22-23
V8	DODD JAMES HARWELL & LYNN I (SURVIVORSHIP)	04-CC22-24
W8	KIRCHNER CAROLYN F	04-CC23-233
X8	FREEMAN CAROLYN F & LAWRENCE	04-CC23-232
Y8	KIRCHNER DORIS J	04-CC23-231
Z8	TAYLOR FLOYD E SR & RHONDA C (SURV)	04-CC23-04
A9	CALDWELL SHAWN	04-CC23-03
B9	TAYLOR FLOYD EUGENE & RHONDA C (SURV)	04-CC23-05
C9	TATE RICHARD A.	04-CC23-07
D9	TATE RICHARD A.	04-CC23-08
E9	HALL DONALD R & BEVERLY J (SURV)	04-CC23-09
F9	MOZINGO ROBERT EVAN ; HERBERT JEFFERY ; STEIN CHRISTINE	04-CC23-11
G9	CUNNINGHAM HENRY	04-CC23-225
H9	CUNNINGHAM HENRY	04-CC23-226.1
I9	PATTISON ROD E & CYNTHIA A	04-CC23-227
J9	DOLL RANDALL P & KIMBERLY JO	04-CC23-204
K9	HALL DONNA KATHRYN	04-CC23-229

08/27/2021

REVISIONS:	COMPANY:		
	OPERATOR'S	OV ROYALTY TRUST LLC BRK	API #:
	WELL #:	5H	47-009-00318
	DISTRICT:	CROSS CREEK	STATE:
	COUNTY:	BROOKE	WV
			DATE:
			04-30-2021
			DRAWN BY:
			N. MANO
			SCALE:
			N/A
			DRAWING NO:
			WELL LOCATION PLAT 5