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

API	470	09003400000)				Cou	inty	I	BROOKE				Distric	t BUFI	FALO
Quad	BET	THANY, WV		Pad Name	WO	RTHLEY	BRK-	-PADI					Field/Pool Name	PANHANDI	E FIE	LD - WET
Farm Name	KIN	BERLY CA	RMAN	WORTH	LEY					Well Number	WC	ORTHLEY BR	K 5	-		
Operator (as regi	istere	d with the OC	OG)			SWN	Produ	action Co	mpar	ıy LLC						
Address	_		PO Bo	x 12359			-	(City_	S	prin	g	5	State Zip	_	TX 7391-2359
As Drilled Locat	ion		NAD	83/UTM			Atta	ach an as-	drille	ed plat, profile	view	, and deviation	n survey			
	Land	ding Point of		Hole m Hole			Nor	thing thing thing		4,451,760.64 4,451,934.25 4,455,449.76			Easting Easting Easting	538,123.70)	
			Dono	III TIOIC			NOI	Type of	ľ	4,433,449.70			- Lasting	330,743.70		
Elevation (ft)	1150	6.9'	GL					Well	9	New		Existing	Type of Repor	☐ Interim		Final
Permit Type	1	Deviate□	1	Horizontal	v	Hori	izontal	6Λ		Vertical		Depth Type	□ Deep	Shallow		
Type of Operatio	on		C	onvert		Deepe	en 🕝	Drill		Plug Back		Redrill	☐ Re-Worl		:	
Well Type			Brin Disp			CBM	V	Gas		Oil		Secondary Recovery	☐ Solution	-		Other
Type of Complet	tion	I	Singl	е 🗆	Mul	ltiple	Flui	ids Produ	ce□	Brine	v	Gas 🗆	NGL 🗆	Oil 🗆	Other	
Drilled with			Cable	· 2	Rota	ary										
Drilling Media		Surface Hole	2	Air		Mud	Ø	Fresh Water		ntermediate nole	v	Air 🗆	Mud	☐ Fresh Water		Brine
Production Hole		4	Air	J	Muc	d 🗆	Fres		I	Brine						
Mud Type(s) and	d Add	litive(s)	SOBI	М												
See attached Mu	d Su	mmary Repor	t													
Date permit issued		2024-04-22	1					e drilling imenced		2024-06-06			Date drilling ceased	2024-06-16	5	
Date Completion activities began	n		202	4-07-20					1	Date Completic	n ac	ctivities ceased	2024-08-25			
Verbal Plugging	(Y/N	1)		N				Date	perm	nission granted		N/A	Granted by	N/A		
Please note: Ope	erator	r is required to	o subm	it a plugg	ing ap	pplication	within	5 days o	f ver	bal permission	to pl	lug				
Freshwater depth	h(s) fi	6/		5	21'						Op	rn mine(s) (Y/	N) depths	N		
Salt water depth	(s) ft			6	37'						Vo	id(s) encounter	red (Y/N) depth	s N		
Coal depth9s) ft				3	30'						Car	vern(s) encoun	tered (Y/N) dep	tl N		
Is coal being mir	ned ir	area (Y/N)			N											

APPROVED

2/10/2025

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OCT 22 2024

WR-35 Rev. 8/23/13

WV Department of Environmental Protection Page 2 of 4

API

47009003400000

Farm name KIMBERLY CARMAN WORTHLEY

Well number WORTHLEY BRK 5

							-		
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Wt lb/ft	Grade	Basket Depth		irculate (Y/N) tails below*
Conductor	20.000	20.000	136	NEW	94.00	J-55			
Surface	17.500	13.375	578	NEW	54.50	J-55	363.7 / 214.30	38 BB	LS
Coal	SEE SURFACE								
Intermediate 1	12.250	9.625	1661	NEW	36.00	J-55		26 BB	LS
Intermediate 2									
Intermediate 3									
Production	8.750	5.500	18788	NEW	20.00	P-110 HP		30 BB	LS
Tubing									
Packer type and	depth set								
Comment Detail	5			-					
CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft3/sks)	Volume (ft2)	Cement Top (MD)	WO (hrs		
				(113/3/3)	(12)		1	<u> </u>	
Conductor	CLASS A	GROUT TO SU				SURFACE	1		
Surface	CLASS A	783	15.6	1.19	931.77	SURFACE	-		
Coal	SEE SURFACE						4		
Intermediate 1	CLASS A	670	15.6	1.18	790.60	SURFACE]		
Intermediate 2									
Intermediate 3									
Production	CLASS A	3578	14.5	1.29	4615.62	SURFACE	1		
Tubing							1		
Drillers TD (ft)	18803					Loggers TD (ft)	18803		
Deepest formation	on penetrated	MARCELLUS				Plug back to (ft)	18697		
Plug back proce	-	N/A			•				
Kick off depth (f 5420' MD								
Check all wireling	ne logs run		Ø	calipher 🗾	density	☑ deviated/department	irectional	induction	sonic
			v	neutron 🖸	resistivity	gamma ray	v	temperature	
Well cored	□ Yes ☑	No	☐ Conve	entional 🗆	Sidewall	Were cuttings coll	ected	Yes 🗹	No
	E CENTRALIZER ENTRALIZERS -				ING:				
	E: 20 CENTRALI								
PRODUCTION	: 396 CENTRALIZ	ERS - EVERY T	THIRD JOINT F	ROM SURFACE	E TO TOP OF C	URVE, THEN EVE	RY JOINT UNT	IL TD	
WAS WELL CO	OMPLETED AS SH	OT HOLE		Yes 🗹	No	Details			
WAS WELL CO	OMPLETED AS OF	PEN HOLE		Yes 🗹	No	Details			
WERE TRACE	RS USED			Yes 🗇	No	TYPE OF TRACE	ER(S) USED		
									

WR-35 Rev. 8/23/13 OCT 22 2024

Page 3 of 4

API 47009003400000 Farm name KIMBERLY CARMAN WORTHLEY BRK 5

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	SEE ATTACHM	ENT 1			
	<u> </u>				

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 ATTACHM	IENT 2						
							<u> </u>	
		L						

Please insert additional pages as applicable.

API	47009003400000)		Farm name	KIMBERLY C	ARMAN WORTH	ILEY	Well number	er WORTHLEY BRK 5
PRODUCING F	ORMATION(S)			DEPTHS					
MARCELLUS	Ontarrior(b)			5994'	TVD	6299'	_MD	Offic	RECEIVED be Of Oil and Gas
									OCT 2 2 2024
Please insert add	litional pages appli	icable.						Enviro	Department of primental Protection
GAS TEST	Build up	☐ Drawdown	Ø	Open Flow		OIL TES	T 🖸 Flow	☐ Pump	
SHUT-IN PRES	SURE	Surface	2373 psi		Bottom Hole	p	si DURATION	OF TEST (hr	3)
OPEN FLOW		GAS 12,845 mcpd	OIL 990 bpd	NGL bpd	WATER 880 bpc	1		ASURED BY	ee 🗆 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 AN (FRESH WAT			D TYPE OF FLUID ETC)
	SEE	ATTACHMEN	T 3						- 10
	11								
					1-				
V									
Please insert add	litional pages as ap	pplicable							
Drilling									
Contractor	SWN DRILLING	COMPANY							
Address	PO BOX 12359			City	SPRING	Sta	teT	<u>X</u> Z	77391-2359
Logging									
Company	BAKER HUGHES								
Address	9110 GROGANS	S MILL RD		- City	IE WOODLAN	NI Sta	te1	X Z	77380
Cementing									
Company	SCHLUMBERGE			-	and the second	1 1	-	·v	77470
Address	110 SCHLUMBE	RGER DRIVE		- City	SUGAR LAN	<u>C</u> Sta	te	<u>X</u> Z	ip <u>77478</u>
Company	SWN WELL CO	MPANY			722-012				
Address	PO BOX 12359			- City	SPRING	_ Sta	te	X Z	77391-2359
Please insert add	ditional pages as a	onlicable							
Completed by	DENISE GRA			Telephone	832-796-6	139			
Signature	Denise Gr			_		RY SPECIALIS	T	— Da	te 10.21.2024
	Jonath M.	A. INI PAPE							
Submittal of Hy	draulic Fracturing	Chemical Disclos	sure Information		Attach copy of	FRACFOCUS Re	gistry		

Hydraulic Fracturing Fluid Product Component Information Disclosure

07/20/2024	Job Start Date:
08/05/2024	Job End Date:
West Virginia	State:
Brooke	County:
47-009-00340-00-00	API Number:
Southwestern Energy	Operator Name:
WORTHLEY BRK 5H	Well Name and Number:
40.215405	Latitude:
-80.55512	Longitude:
NAD83	Datum:
NO	Federal Well:
NO	Indian Well:
5965	True Vertical Depth:
19299378	Total Base Water Volume (gal)*:
107267.7	Total Base Non Water Volume:



Water Source	Percent
Surface Water, < 1000TDS	80.19%
Produced Water	19.81%

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Wy Department of Environmental Protection

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					
FERRIPLEX 80	SWN Well Services	Iron Control Agent					
FSTI-CI-02	SWN Well Services	Corrosion Inhibitor					
Hydrochloric Acid	SWN Well Services	Solvent					
PLEXAID 655NM	SWN Well Services	Scale Inhibitor					
PLEXSLICK 930	SWN Well Services	Friction Reducer					
Sand	SWN Well Services	Proppant					
TOLCIDE 4FRAC	SWN Well	Biocide				02/20	

02/28/2025

bove are Trade Names	Items below are the individual ingredients			
The tree trained	Water	7732-18-5	100.00000	88.03448
	Crystalline Silica, Quartz	14808-60-7	100.00000	11.75697
	HYDROCHLORIC ACID	7647-01-0	37.00000	0.15493
	Hydrotreated light distillate	64742-47-8	30.00000	0.01709
	Copolymer of 2-propenamide	Proprietary	60.00000	0.01709
	Phosphonium, tetrakis(hydroxymethyl)-, sulfate (2:1)	55566-30-8	50.00000	0.00511
	Oliec Acid Diethanolamide	93-83-4	5.00000	0.00427
	Surfactant	Proprietary	3.00000	0.00427
	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	10.00000	0.00102
	Sodium erythorbate	6381-77-7	98.00000	0.00087
	Ethylene glycol	107-21-1	40.00000	0.00064
	Ethanol	64-17-5	1.50000	0.00051
	Diethylenetriamine penta (methylene phosphonic acid)	15827-60-8	10.00000	0.00043
	Cinnamaldehyde	104-55-2	19.00000	0.00030
	1-Octanol	111-87-5	19.00000	0.00030
	1-Decanol	112-30-1	19.00000	0,00030
	N,N-Dimethylformamide	68-12-2	19.00000	0.00030
	Triethyl phosphate	78-40-0	19.00000	0.00030
	Poly(oxy-1,2-ethanediyl), .alpha (nonylphenyl)omega hydroxy-	9016-45-9	19.00000	0.00030
	2-Butoxyethanol	111-76-2	10.00000	0.00016
	Isopropyl alcohol	67-63-0	10.00000	0.00016
	Tar bases, quinoline derivatives, benzyl chloride- quaternized	72480-70-7	10.00000	0.00016

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

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)



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



Well Name:

WORTHLEY BRK 5H

47009003400000

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	521.00	521.00	
Top of Salt Water	637.00	637.00	NA	NA	
Pittsburgh Coal	330.00	330.00	334.00	334.00	
Raven Cliff (ss)	798.00	798.00	1056.00	1056.00	
Maxton (ss)	1202.00	1202.00	1355.00	1354.00	
Big Injun (ss)	1525.00	1523.00	1611.00	1609.00	
Berea (siltstone)	1936.00	1929.00	2070.00	2058.00	
Rhinestreet (shale)	5564.00	5444.00	5823.00	5685.00	
Cashaqua (shale)	5823.00	5685.00	5899.00	5750.00	
Middlesex (shale)	5899.00	5750.00	5987.00	5819.00	
Burket (shale)	5987.00	5819.00	6006.00	5833.00	
Tully (Is)	6006.00	5833.00	6084.00	5887.00	
Mahantango (shale)	6084.00	5887.00	6299.00	5994.00	
Marcellus (shale)	6299.00	5994.00	NA	NA	GAS



WORTHLEY BRK 5H ATTACHMENT 1 PERF REPORT

		TENI NEI ONI		
STAGE NUM	Perf Date	Perf Bottom MD Perf	Top MD2	# SHOTS PER STG
1	6/29/2024	18,697	18,604	36
2	7/20/2024	18,570	18,393	36
3	7/21/2024	18,360	18,183	36
4	7/21/2024	18,150	17,973	36
5	7/21/2024	17,940	17,763	36
6	7/21/2024	17,730	17,553	36
7	7/22/2024	17,520	17,343	
8	7/22/2024	17,310	17,133	36
9	7/22/2024	17,100	16,923	36
10	7/22/2024	16,890	16,713	36
11	7/23/2024	16,680	16,503	36
12	7/23/2024	16,470	16,293	36
13	7/23/2024	16,260	16,083	
14	7/24/2024	16,050	15,873	
15	7/24/2024	15,840	15,663	
16	7/24/2024	15,630	15,453	
17	7/25/2024	15,420	15,243	
18	7/25/2024	15,210	15,033	
19	7/25/2024	15,000	14,823	
20	7/25/2024	14,790	14,613	36
21	7/25/2024	14,580	14,403	
22	7/26/2024	14,370	14,193	
23	7/26/2024	14,160	13,983	
24	7/26/2024	13,950	13,773	
25	7/27/2024	13,740	13,563	
26	7/27/2024	13,530	13,353	36
27	7/27/2024	13,320	13,143	
28	7/27/2024	13,110	12,933	
29	7/28/2024	12,900	12,723	36
30	7/28/2024	12,690	12,513	
31	7/28/2024	12,480	12,303	
32	7/28/2024	12,270	12,093	36
33	7/29/2024	12,060	11,883	36
34	7/29/2024	11,850	11,673	36
35	7/29/2024	11,640	11,463	36
36	7/29/2024	11,430	11,253	
37			11,043	
38			10,833	
39			10,623	
40			10,413	
41			10,203	
42	7/31/2024	10,170	9,993	36



WORTHLEY BRK 5H ATTACHMENT 1 PERF REPORT

		The state of the s			
STAGE NUM	Perf Date	Perf Bottom MD	Perf Top MD2	# SHOTS PER STG	
43	7/31/2024	9,960	9,783	36	
44	8/1/2024	9,750	9,573	36	
45	8/1/2024	9,540	9,363	36	
46	8/1/2024	9,330	9,153	36	
47	8/1/2024	9,120	8,943	36	
48	8/1/2024	8,910	8,733	36	
49	8/2/2024	8,700	8,523	36	
50	8/2/2024	8,490	8,313	36	
51	8/2/2024	8,280	8,103	36	
52	8/3/2024	8,070	7,893	36	
53	8/3/2024	7,860	7,683	36	
54	8/3/2024	7,650	7,473	36	
55	8/3/2024	7,440	7,263	36	
56	8/4/2024	7,230	7,053	36	
57	8/4/2024	7,020	6,843	36	
58	8/4/2024	6,810	6,633	36	
59	8/4/2024	6,600	6,423	36	



OCT 2 2 2024

WORTHLEY BRK 5H ATTACHMENT 2 STIM REPORT

		STIM REPORT					WV Department of		
			Ave	Max				Amountar	
TAGE NUM		Rate (BPM)		Breakdown		Proppant (lbs)			
1	7/20/2024			10,190	4,300	197,850	9,804		
2	7/20/2024		9,090	5,785	4,485	377,960	8,034		
3	7/21/2024		8,587	6,092	4,339	374,890	8,323		
4	7/21/2024		8,034	5,851	4,100	374,810	8,345		
5	7/21/2024		8,931	6,520	4,750	353,710	7,914		
6	7/22/2024		6,447	6,140	4,965	378,540	8,164		
7	7/22/2024		6,460	6,481	4,512	378,250	8,204		
8	7/22/2024		8,630	5,753	4,317	349,720	7,784		
9	7/22/2024		9,228		5,105	348,460	7,726		
10	7/23/2024	98.7	8,997	6,110	5,000	379,460	8,099		
11	7/23/2024		9,000	5,930	4,017	327,880	8,481		
12	7/23/2024	95.3	8,950	5,671	4,264	371,540	7,942		
13	7/23/2024	96.9	9,082	6,000	4,835	307,348	6,548		
14	7/24/2024	91	7,878	5,778	4,800	375,090	7,379		
15	7/24/2024	93.8	9,257	5,824	4,237	375,930	7,813		
16	7/24/2024	97.7	8,885	6,100	5,000	397,640	7,879	1	
17	7/25/2024	88.5	9,038	6,385	4,565	389,930	7,134		
18	7/25/2024	97.1	8,601	5,646	4,738	377,420	7,786		
19	7/25/2024	95.3	6,283	5,666	5,000	372,780	7,528		
20	7/25/2024	98.5	8,810	5,970	5,130	355,960	7,267		
21	7/26/2024	99	8,393	5,702	5,162	374,360	6,980		
22	7/26/2024	97	7,562	5,743	4,195	369,760	7,751	التحسيان	
23	7/26/2024	76.4	6,502	6,049	5,000	354,900	10,067		
24	7/26/2024	98.2	7,954	5,955	5,100	370,410	7,643		
25	7/27/2024	98.3	7,867	5,875	4,212	369,430	7,716		
26	7/27/2024	95	7,187	5,675	4,250	372,400	7,868		
27	7/27/2024	97.6	8,014	6,000	4,800	373,460	7,605		
28	7/28/2024	98	7,035	5,465	5,103	370,960	7,883		
29	7/28/2024	71.4	5,764	5,608	3,802	373,190	7,917	1	
30	7/28/2024	97.9	7,787	5,103	4,432	371,170	7,931		
31	7/28/2024	98.8	8,113	5,780	4,700	351,620	7,813		
32	7/28/2024	99	7,104	5,600	4,800	370,770	7,553		
33	7/29/2024		7,886	5,720	4,333	303,610	6,449		
34	7/29/2024	1000	7,379	5,600	4,322	381,630	8,032		
35	7/29/2024			5,753	5,069	330,120	6,960	7	
36	7/29/2024				4,765	371,990	7,835		
37					3,954	376,740	9,120	()	
38	7/30/2024				4,587	365,100	7,686		
39	7/30/2024				4,800	369,860	7,824		
40	7/30/2024				4,820	395,700	7,910		
41	7/31/2024				4,850	374,580	7,607		
42	7/31/2024				4,765	372,670	7,987		
43	7/31/2024				4,500	374,290	7,325		
44	8/1/2024				4,468	374,250	7,282		
45	8/1/2024				4,379	381,850	7,645		
46	8/1/2024				4,724	375,570	7,601		
47	8/1/2024				4,832	374,680	7,406		
48	8/1/2024				4,586	374,360	7,323		
49	8/2/2024		10.31		4,716	375,200	7,973		
50	8/2/2024				4,475		7,804		
51	8/2/2024				4,735		7,544		
52	8/3/2024				4,545	372,150	7,633		
32	8/3/2024		0,,50	1,550	1,0 10	-,-,-50	8,135		

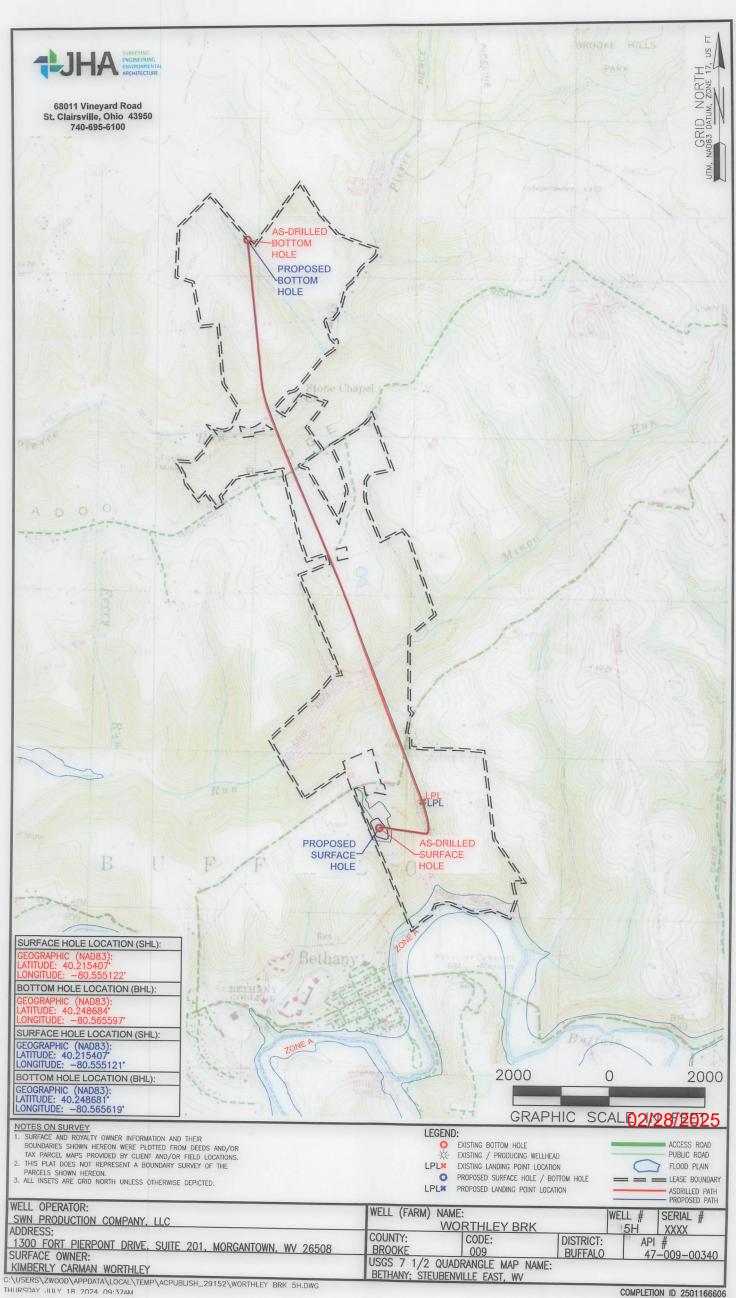
WORTHLEY BRK 5H ATTACHMENT 2 STIM REPORT

STIM NEI ON								
7		Ave Pump	Ave	Max		Amount of	Amount of	Amount of
	Stim Date	Rate (BPM)	Treatment	Breakdown	ISIP (PSI)	Proppant (lbs)	water bbls	nitrogen/othe
54	8/3/2024	92.5	6,612	5,636	3,991	369,560	7,804	0
55	8/3/2024	89.9	6,528	5,738	4,735	372,500	7,727	0
56	8/4/2024	86.5	6,353	5,634	4,545	374,060	7,668	0
57	8/4/2024	85.5	6,226	5,724	4,751	367,500	7,847	0
58	8/4/2024	89.9	6,117	5,083	4,836	374,270	8,117	0
59	8/5/2024	63.8	4,431	5,315	4,423	376,570	8,434	0
	54 55 56 57 58	55 8/3/2024 56 8/4/2024 57 8/4/2024 58 8/4/2024	Stim Date Rate (BPM) 54 8/3/2024 92.5 55 8/3/2024 89.9 56 8/4/2024 86.5 57 8/4/2024 85.5 58 8/4/2024 89.9	Stim Date Rate (BPM) Treatment 54 8/3/2024 92.5 6,612 55 8/3/2024 89.9 6,528 56 8/4/2024 86.5 6,353 57 8/4/2024 85.5 6,226 58 8/4/2024 89.9 6,117	Ave Pump Ave Pump Ave Pump Max Stim Date Rate (BPM) Treatment Breakdown 54 8/3/2024 92.5 6,612 5,636 55 8/3/2024 89.9 6,528 5,738 56 8/4/2024 86.5 6,353 5,634 57 8/4/2024 85.5 6,226 5,724 58 8/4/2024 89.9 6,117 5,083	Ave Pump Ave Pump Ave Pump Max Stim Date Rate (BPM) Treatment Breakdown ISIP (PSI) 54 8/3/2024 92.5 6,612 5,636 3,991 55 8/3/2024 89.9 6,528 5,738 4,735 56 8/4/2024 86.5 6,353 5,634 4,545 57 8/4/2024 85.5 6,226 5,724 4,751 58 8/4/2024 89.9 6,117 5,083 4,836	Ave Pump Ave Pump Ave Pump Max Amount of Propant (Ibs) 54 8/3/2024 92.5 6,612 5,636 3,991 369,560 55 8/3/2024 89.9 6,528 5,738 4,735 372,500 56 8/4/2024 86.5 6,353 5,634 4,545 374,060 57 8/4/2024 85.5 6,226 5,724 4,751 367,500 58 8/4/2024 89.9 6,117 5,083 4,836 374,270	Ave Pump Ave Max Amount of Stim Date Amount of Rate (BPM) Amount of Treatment Breakdown ISIP (PSI) Proppant (lbs) water bbls 54 8/3/2024 92.5 6,612 5,636 3,991 369,560 7,804 55 8/3/2024 89.9 6,528 5,738 4,735 372,500 7,727 56 8/4/2024 86.5 6,353 5,634 4,545 374,060 7,668 57 8/4/2024 85.5 6,226 5,724 4,751 367,500 7,847 58 8/4/2024 89.9 6,117 5,083 4,836 374,270 8,117

Office Of Oil and Gas

OCT 22 2024

WV Department of Environmental Protection



EXISTING BOTTOM HULE

EXISTING / PRODUCING WELLHEAD

LPL* EXISTING LANDING POINT LOCATION

PROPOSED SURFACE HOLE / BOTTOM HOLE

PROPOSED LANDING POINT LOCATION

FLOOD PLAIN == LEASE BOUNDARY DATE: 07-18-2024 API NO: 47-009-00340 DRAWN BY:Z. WOOD SCALE: 1" = 2000'
DRAWING NO:2023-1649
WELL LOCATION PLAT

TDACT	WELL BORE TABLE FOR SURFACE/ROYALTY OWNERS	TAY DARCEL
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL
1	WORTHLEY KIMBERLY CARMAN (S) COLONIAL CORP, A NEVADA CORP, & KIMBERLY J. CARMAN AKA KIMBERLY J. WORTHLEY, A MARRIED WOMAN DEALING IN HER SASP(R)	3-B38-27
TRACT	SURFACE OWNER	TAX PARCEL
2	WORTHLY KIMBERLY CARMEN; JEFFREY W HENSLER (LC)	3-B38-25
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	BETHANY PIKE
3	HENSLER JEFFREY W	3-B38-27.1
4	HENSLER JEFFREY W	3-B38-28
5	SPORTSMANS FARMERS ASSN	3-B38-17
6	SPORTSMANS & FARMERS ASSN	3-B33-100
7	HUKILL TAMARA J	3-B33-97.2
8	KOSCEVIC MICHAEL THOMAS & SHERYL ANN (SURV)	3-B33-97.3
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	MCADOO RIDGI ROAD
9	LANCASTER DELMAS O & ELFRIEDE	3-B33-95
10	YANO MICHAEL JAMES & JENNIFER LYNN (SURV)	3-B33-43
11	HENNIS FLOYD; LAROCHE LEONA; DISHER TANA	3-B33-38 PIERCE RUN
	STATE OF WEST VIRGINIA, DIVISION OF HIGHWAYS	ROAD
12	WELLS GIST LAND CO., LLC	3-B33-40
13	WELLS GIST LAND CO., LLC	3-B33-29
14	WELLS GIST LAND CO., LLC	3-B33-23
	ADJOINING OWNERS TABLE	
TRACT	SURFACE OWNER	TAX PARCEL
Α	BETHANY COLLEGE	3-B38-31
В	FEDAK MARK A & GEORGIA M (SURV)	3-B38-14
С	SPORTSMAN & FARMERS ASSN	3-B38-15
D	HUKILL DALE C JR & DELVIRA	3-B33-85
E	HUKILL TAMARA J	3-B33-116
F	HUKILL TAMARA J	3-B33-115
G	HUKILL TAMARA J	3-B33-85.1
Н	HUKILL TAMARA J	3-B33-83
1	FRANCIS JOHN R	3-B33-82.1
J	FRANCIS NADINE NKA; NADINE RICHARDS	3-B33-82
K L	FRANCIS NADINE ADAMS RICHARD L & CINDY L	3-B33-81 3-B33-80
M	CHILCOTE DIANA DARLENE	3-B33-80 3-B33-79
N	BERTELLI CARRIE A	3-B33-77.4
0	YANO MICHAEL J & JENNIFER	3-B33-78
Р	KOPKO KEVIN P & GERRI L (SURV)	3-B33-78.1
Q	KOPKO KEVIN P & GERRI L (SURV)	3-B33-43.1
R	PELAEZ DEBRA KAY	3-B33-71
S	PELUCHETTE FAMILY TRUST	3-B33-53
Т	PELUCHETTE FAMILY TRUST	3-B33-52
U	DEGARMO CARL & SOPHIA SURV	3-B33-49
V	MCLAUGHLIN LAWRENCE II (L EST-GROVER LEE HAUGHT)	3-B33-48
W	WELLS GIST LAND CO. LLC	3-B33-47
Х	WELLS GIST LAND CO., LLC	3-B33-46
Υ	CROSS NICKOLAS J & AMY L (SURV)	3-B33-45
Z	SNODGRASS STEVEN	3-B33-44
AA	WELLS GIST LAND CO., LLC	3-B33-35
AB	STARVAGGI IND	3-B33-41
AC	DEGARMO PATRICK	3-B33-20
AD	SULLIVAN DONNA M	3-B33-22
AE	WELLS GIST LAND CO., LLC	3-B33-24
AF	GRAHAM PATRICIA	3-B28-43
AH	STARVAGGI IND STARVAGGI INDUSTRIES INC	3-B33-25
Al	MERWICK STELLA	3-B33-26
AJ	EATON THEODORE EDWIN	3-B33-27 3-B33-28
AK	STEWART JAMES H & PAMELA JO	3-B33-28 3-B33-31
AL	CUNNINGHAM SHARON A	3-B33-31
AM	CUNNINGHAM SHARON A	3-B33-33.1
AN	KEARNS SHAWN	3-B33-33
AO	CUNNINGHAM SHARON	3-B33-30
AP	WELLS GIST LAND CO., LLC	3-B33-34
AQ	WELLS GIST LAND CO., LLC	3-B33-35
AR	STONE CHAPEL CHURCH	3-B33-36

TRACT	SURFACE OWNER	TAX PARCEL
AS	SMITH JON T & MARLENA L	3-B33-37
		3-B33-96
AT	CULBERTSON MELVIN & DORIS	
AU	EDGELL SCOTT L	3-B33-99
AV	LONG BRIAN T & JACINDA D	3-B33-98
AW	LONG BRIAN T & JACINDA D (SURV)	3-B33-97.4
AX	TANNER GEORGE A; SWEET BARBARA B (SURV)	3-B33-97.1
AY	CORBIN CHARLES R JR (TOD)	3-B33-102
AZ	SPORTSMANS FARMERS ASSN	3-B33-101
ВА	OWEN MARK WEAVER & KREUTZ; VIRGINIA BEALL	3-B38-19
ВВ	STEWART KEVIN SCOTT & LISA KAY	3-B38-20
ВС	OWEN MARK WEAVER & KREUTZ; VIRGINIA BEALL	3-B38-19
BD	ELSON LANCE M	3-B38-21
BE	VANCAMP NOLTE&GLADYS AS TRUS; OF 11/4/02 VANCAMP FAMILY TR	3-B38-23
BF	OWEN MARK W 1/2 INT: KRUETZ VIRGINIA BEALL 1/2 INT:	3-B38-24
BG	BETHANY COLLEGE	3-B43-66
ВН	BETHANY COLLEGE	2-B43C-127
ВІ	HENNIS FLOYD;LAROCHE LEONA; DISHER TANA	3-B33-39
BJ	SIDERICH EVAN JTWS	3-B33-42
ВК	SPORTSMAN & FARMERS ASSN	3-B38-16
BL	HENSLER JEFFREY WILLIAM	3-B38-29
ВМ	BROWN CHARLES F & DONNA	3-B38-30
BN	HENSLER JEFFREY	3-B38-26

02/28/2025

REVISIONS: SWN COMPANY: Production Company™

DATE: 07–18–2024
API NO: 47–009–00340
DRAWN BY:Z. WOOD
SCALE: N/A
DRAWING NO:2023–1649
WELL LOCATION D PLAT

COMPLETION ID 2501166606
PAD ID 3001155499 Production Company, LLC OPERATOR'S WORTHLEY BRK WELL #: 5H DISTRICT: BUFFALO COUNTY: BROOKE STATE: WV