

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

API 47-009-00250 County BROOKE District BUFFALO DISTRICT
Quad BETHANY Pad Name SANDRA PARR BRK PAD Field/Pool Name PANHANDLE FIELD WET
Farm name ANTHONY BRUCE PARR, ET AL Well Number SANDRA PARR BRK 1H
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 4,447,794.236 Easting 540,735.347
Landing Point of Curve Northing 4,447,858.689 Easting 540,487.458
Bottom Hole Northing 4,450,602.965 Easting 539,736.445

Elevation (ft) 1276.1 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 06/06/2018 Date drilling commenced 12/29/2018 Date drilling ceased 01/09/2019
Date completion activities began 03/30/2019 Date completion activities ceased 05/17/2019
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

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

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Freshwater depth(s) ft 336 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 759 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 613 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:
589-9-19

Reviewed

C. AD 9-9-19

API 47-009 - 00250 Farm name ANTHONY BRUCE PARR, ET AL Well number SANDRA PARR BRK 1H

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	436	NEW	J-55/54.50#		Y
Coal	SEE INTERMEDIATE						
Intermediate 1	12.25	9.625	2058	NEW	J-55/36#		Y
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	16392	NEW	P-110/20#		Y
Tubing		2.375	7417	NEW	P-110/4.7#		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	390	15.60	1.20	468	SURFACE	8
Coal	SEE INTERMEDIATE						
Intermediate 1	CLASS A	794	15.60	1.19	944.86	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	3,131	15.60	1.19	3725.89	SURFACE	24
Tubing							

Drillers TD (ft) 16,392' Loggers TD (ft) 16,392'
 Deepest formation penetrated Marcellus Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) 5,503'

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 _____ RECEIVED Office of Oil and Gas

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____ AUG 07 2019

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____ WV Department of Environmental Protection

API 47- 009 - 00250 Farm name ANTHONY BRUCE PARR, ET AL Well number SANDRA PARR BRK 1H

PERFORATION RECORD

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

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

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

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Please insert additional pages as applicable.

API 47- 009 - 00250 Farm name ANTHONY BRUCE PARR, ET AL Well number SANDRA PARR BRK 1H

PRODUCING FORMATION(S)	DEPTHS	
MARCELLUS	6385	TVD 6741 MD

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface 1435 psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas 5,542 mcfpd Oil 523 bpd NGL _____ bpd Water 645 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN FT MD	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	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 BJ SERVICES
Address 11211 FM 2920 City TOMBALL State TX Zip 77377

Stimulating Company HALLIBURTON ENERGY SERVICES
Address 1628 JACKSON MILL RD City JANE LEW State WV Zip 26378

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Please insert additional pages as applicable.

Completed by BOBBY WILLIS Telephone 832-796-2884 WV Department of
Signature [Signature] Title SENIOR REGULATORY ANALYST Date 8/6/2019 Environmental Protection

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

Hydraulic Fracturing Fluid Product Component Information Disclosure

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Job Start Date:	4/1/2019
Job End Date:	5/2/2019
State:	West Virginia
County:	Brooke
API Number:	47-009-00250-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	Sandra Parr BRK 1H
Latitude:	40.17953800
Longitude:	-80.52152559
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	6,339
Total Base Water Volume (gal):	13,286,520
Total Base Non Water Volume:	106,635

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
Fresh Water	Halliburton	Base Fluid	Water	7732-18-5	100.00000	85.03956	Density = 8.34
Ingredients	Listed Above	Listed Above	Water	7732-18-5	100.00000	0.46665	



FSTI-CI-01	FSTI	Acid Corrosion Inhibitor		Listed Below			
BE-9W	Halliburton	Biocide		Listed Below			
LCA-1	Halliburton	Solvent		Listed Below			
HYDROCHLORIC ACID	Halliburton	Solvent		Listed Below			
Exceletrate LX-1	Halliburton	Friction Reducer		Listed Below			
SCAL 16486A	Nalco (Champion)	Scale Inhibitor		Listed Below			
FSTI-IC-001	FSTI	Iron Control Agent		Listed Below			
BE-9	Halliburton	Biocide		Listed Below			
Sand-Premium White-4070	Halliburton	Proppant					

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				Listed Below					
Sand-Common White-100 Mesh, SSA-2	Halliburton	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	14.45261			
			Hydrochloric acid	7647-01-0	15.00000	0.06173			
			Polyacrylate	Proprietary	30.00000	0.02397			
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.02397			
			Ethoxylated fatty acid	Proprietary	5.00000	0.00400			
			Fatty acid ester	Proprietary	5.00000	0.00400			
			Ammonium chloride	12125-02-9	5.00000	0.00400			
			Sodium chloride	7647-14-5	5.00000	0.00400			
			Propylene glycol	57-55-6	60.00000	0.00314			
			Amine Triphosphate	Proprietary	30.00000	0.00180			
			Ethylene glycol	107-21-1	30.00000	0.00180			
			Acetic acid	64-19-7	60.00000	0.00124			
			Citric acid	77-92-9	40.00000	0.00083			
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00000	0.00071			
			Hydrotreated distillate	Proprietary	100.00000	0.00056			
			Methanol	67-56-1	80.00000	0.00046			
			Fatty acids	Trade Secret	10.00000	0.00006			

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* 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)

**SANDRA PARR BRK 1H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	3/24/2019	16,347	16,251	36
2	4/2/2019	16,218	16,041	36
3	4/2/2019	16,008	15,831	36
4	4/2/2019	15,798	15,621	36
5	4/3/2019	15,588	15,411	36
6	4/3/2019	15,378	15,201	36
7	4/4/2019	15,168	14,991	36
8	4/4/2019	14,958	14,781	36
9	4/4/2019	14,748	14,571	36
10	4/4/2019	14,538	14,361	36
11	4/5/2019	14,328	14,151	36
12	4/5/2019	14,118	13,941	36
13	4/5/2019	13,906	13,731	36
14	4/5/2019	13,698	13,521	36
15	4/6/2019	13,488	13,311	36
16	4/6/2019	13,278	13,101	36
17	4/6/2019	13,068	12,891	36
18	4/6/2019	12,858	12,681	36
19	4/6/2019	12,648	12,471	36
20	4/7/2019	12,438	12,261	36
21	4/7/2019	12,228	12,051	36
22	4/7/2019	12,018	11,841	36
23	4/8/2019	11,808	11,631	36
24	4/8/2019	11,598	11,421	36
25	4/8/2019	11,388	11,211	36
26	4/8/2019	11,178	11,001	36
27	4/9/2019	10,968	10,791	36
28	4/9/2019	10,758	10,581	36
29	4/26/2019	10,548	10,371	36
30	4/26/2019	10,338	10,161	36
31	4/27/2019	10,128	9,951	36
32	4/27/2019	9,918	9,741	36
33	4/27/2019	9,708	9,531	36
34	4/27/2019	9,498	9,321	36
35	4/27/2019	9,288	9,111	36
36	4/27/2019	9,078	8,901	36
37	4/27/2019	8,868	8,691	36
38	4/28/2019	8,658	8,481	36
39	4/28/2019	8,448	8,271	36
40	5/1/2019	8,238	8,061	36
41	5/1/2019	8,028	7,851	36
42	5/1/2019	7,818	7,641	36
43	5/2/2019	7,608	7,431	36
44	5/2/2019	7,398	7,221	36
45	5/2/2019	7,188	7,011	36

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**SANDRA PARR BRK 1H
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	4/1/2019	83	8,119	6,464	4,006	279,371	7,604	0
2	4/2/2019	87.2	8,143	4,576	4,406	420,240	10,812	0
3	4/2/2019	89	8,067	5,305	4,347	421,900	12,509	0
4	4/3/2019	96.1	8,585	5,735	4,404	419,160	10,783	0
5	4/3/2019	96.3	8,407	5,156	4,267	419,230	10,725	0
6	4/3/2019	89.6	7,944	3,868	4,304	431,340	7,816	0
7	4/4/2019	94.7	8,359	5,271	4,471	420,280	7,440	0
8	4/4/2019	97.2	8,381	5,419	4,614	419,540	7,338	0
9	4/4/2019	94.9	8,024	4,944	4,478	422,060	7,424	0
10	4/5/2019	94.3	7,781	5,232	4,496	421,880	7,439	0
11	4/5/2019	98.5	8,293	4,953	4,521	420,150	7,433	0
12	4/5/2019	96.9	8,172	6,569	4,515	418,830	7,312	0
13	4/5/2019	97.7	7,886	4,909	4,286	422,300	7,325	0
14	4/5/2019	99	7,969	5,474	4,606	421,420	7,331	0
15	4/6/2019	97.8	8,032	5,338	4,503	418,000	7,340	0
16	4/6/2019	97.3	8,064	5,060	4,210	418,930	7,226	0
17	4/6/2019	96.1	8,026	5,973	4,147	418,130	7,264	0
18	4/6/2019	98.9	8,071	5,364	4,366	420,540	7,305	0
19	4/6/2019	98	7,793	5,444	4,367	420,940	7,226	0
20	4/7/2019	98.6	8,124	5,475	4,569	418,820	7,199	0
21	4/7/2019	98.5	7,923	4,954	4,225	420,260	7,351	0
22	4/7/2019	98.1	7,586	5,694	4,418	420,070	7,058	0
23	4/8/2019	99.7	7,543	5,647	4,301	420,569	7,086	0
24	4/8/2019	98.4	8,678	5,244	4,394	419,280	7,122	0
25	4/8/2019	99	7,784	5,506	4,709	419,600	7,188	0
26	4/8/2019	99.8	7,425	5,293	4,498	421,100	6,993	0
27	4/9/2019	97.9	7,612	5,533	4,382	420,520	7,023	0
28	4/26/2019	99.7	7,318	5,809	4,477	420,838	6,409	0
29	4/26/2019	99	7,332	5,431	4,619	420,440	5,891	0
30	4/26/2019	99.6	7,176	5,499	4,483	419,670	5,493	0
31	4/27/2019	99.6	7,642	5,823	4,756	422,280	5,294	0
32	4/27/2019	94.7	7,369	5,781	4,621	419,358	7,207	0
33	4/27/2019	95.3	7,658	5,537	4,627	421,003	5,832	0
34	4/27/2019	97.4	7,615	5,307	4,683	420,746	6,033	0
35	4/27/2019	98.5	7,568	5,423	4,507	419,527	5,432	0
36	4/27/2019	97	7,784	5,656	4,899	419,980	5,657	0
37	4/27/2019	98.9	7,221	5,685	4,750	421,230	5,039	0
38	4/28/2019	100	7,349	5,460	4,984	424,060	4,902	0
39	5/1/2019	98.7	7,154	5,534	4,327	420,530	5,986	0
40	5/1/2019	99.5	6,908	5,701	4,375	420,130	6,003	0
41	5/1/2019	88.7	7,601	5,673	4,169	389,333	5,787	0
42	5/2/2019	96.6	6,480	5,361	4,405	421,069	5,739	0
43	5/2/2019	98.4	6,715	5,431	4,522	420,850	5,977	0
44	5/2/2019	99.5	6,591	5,073	4,420	432,161	6,057	0
45	5/2/2019	99.3	6,575	5,522	4,337	484,606	5,793	0

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Well Name: Sandra Parr BRK 1H

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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	336.00	336.00	
Top of Salt Water	759.00	759.00	NA	NA	
Pittsburgh Coal	613.00	613.00	621.00	621.00	
Pottsville (ss)	751.00	751.00	828.00	828.00	
Raven Cliff (ss)	1187.00	1187.00	1774.00	1774.00	
Big Injun (ss)	1774.00	1774.00	5895.00	5808.00	
Rhinestreet (shale)	5895.00	5808.00	6263.00	6140.00	
Middlesex (shale)	6263.00	6140.00	6366.00	6217.00	
Burket (shale)	6366.00	6217.00	6390.00	6233.00	
Tully (ls)	6390.00	6233.00	6460.00	6277.00	
Mahantango (shale)	6460.00	6277.00	6741.00	6385.00	
Marcellus (shale)	6741.00	6385.00	NA	NA	GAS

Latitude: 40°12'30" (SHL) SURFACE HOLE 6015'

Latitude: 40°12'30" (BHL) BOTTOM HOLE 9241'



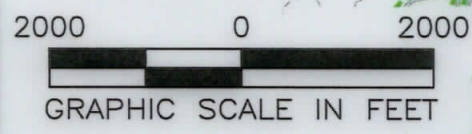
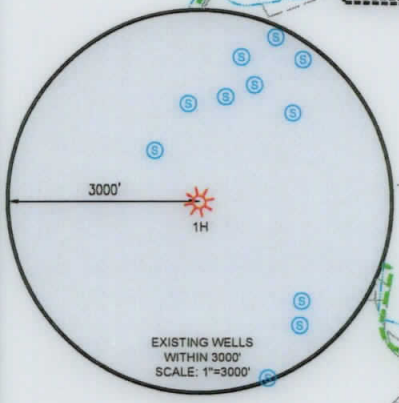
CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 600 MARKETPLACE AVENUE, SUITE 200 BRIDGEPORT, WV 26330 304-933-3119

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

SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,447,794.236
	EASTING: 540,735.347
LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,447,858.689
	EASTING: 540,487.458
BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,450,602.965
	EASTING: 539,736.445
PERMIT SURFACE HOLE LOCATION (SHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,447,794.236
	EASTING: 540,735.347
PERMIT LANDING POINT LOCATION (LPL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,447,799.540
	EASTING: 540,507.277
PERMIT BOTTOM HOLE LOCATION (BHL):	
UTM (NAD83, ZONE 17, METERS):	NORTHING: 4,450,604.580
	EASTING: 539,739.828

Longitude: 80°30'00" (BHL) BOTTOM HOLE 1255'

Longitude: 80°30'00" (SHL) SURFACE HOLE 10491'



WELL RESTRICTIONS

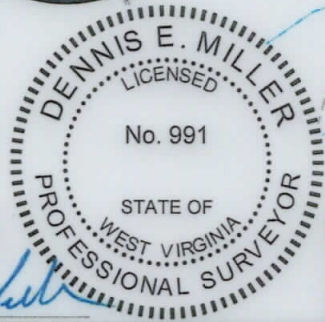
1. NO OCCUPIED DWELLINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
2. NO AGRICULTURE BUILDINGS > 2500 SQ FT. WITHIN 625 FEET OF CENTER OF PAD.
3. WATER WELLS OR DEVELOPED SPRINGS ARE WITHIN 969 FEET OF PROPOSED WELL.
4. PERENNIAL STREAMS, LAKES, PONDS, OR RESERVOIRS WITHIN 800 FEET OF THE LIMITS 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

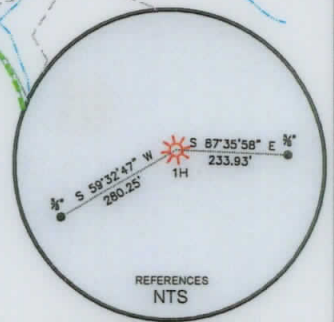
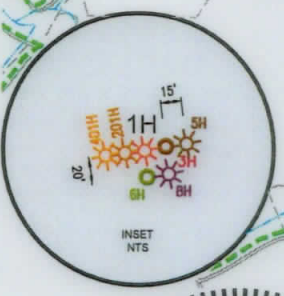
1. SURFACE AND ROYALTY OWNER INFORMATION AND THEIR BOUNDARIES SHOWN HEREON WERE PLOTTED FROM DEEDS AND/OR TAX PARCEL MAPS PROVIDED BY CLIENT AND/OR FIELD LOCATIONS.
2. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARCELS SHOWN HEREON.
4. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

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. 991



AS-DRILLED



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25034

MINIMUM DEGREE OF ACCURACY: 1/200

PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)

COMPANY: SWN Production Company, LLC

SANDRA PARR BRK

OPERATOR'S WELL #: 1H

API WELL #: 47 009 00250
STATE COUNTY PERMIT

WELL TYPE: OIL WASTE DISPOSAL PRODUCTION DEEP GAS LIQUID INJECTION STORAGE SHALLOW

WATERSHED: BUFFALO CREEK ELEVATION: 1276.1

DISTRICT: BUFFALO DISTRICT COUNTY: BROOKE QUADRANGLE: BETHANY

SURFACE OWNER: ANTHONY BRUCE PARR, ET AL ACREAGE: 132.00±

OIL & GAS ROYALTY OWNER: ANTHONY BRUCE PARR, ET AL ACREAGE: 132.00±

DRILL DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION

CONVERT PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY) ASDRILLED

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 6,264 TVD 16,392 TMD

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC DESIGNATED AGENT: BRITTANY WOODY

ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201 ADDRESS: 1300 FORT PIERPONT DRIVE, STE 201

CITY: MORGANTOWN STATE: WV ZIP CODE: 26508 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508

LEGEND:	— SURVEYED BOUNDARY	REVISIONS:	DATE: 07-10-2019
○ PROPOSED SURFACE HOLE / BOTTOM HOLE	— DRILLING UNIT		
⊙ EXISTING / PRODUCING WELLHEAD	— LEASE BOUNDARY		
LPL ⊙ LANDING POINT LOCATION	— ASDRILLED PATH		
⊙ EXISTING WATER WELL	— PROPOSED PATH		
⊙ EXISTING SPRING			



CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 600 MARKETPLACE AVENUE, SUITE 200
 BRIDGEPORT, WV 26330
 304-933-3119

WELL BORE TABLE FOR SURFACE OWNERS		
TRACT	SURFACE OWNER	TAX PARCEL
1	ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE, NANCY J. PARR, MICHAEL MAHAN AND PAULA MAHAN	03-B49-0005
2	RANCH SPORTSMAN CLUB INC.	03-B49-0010
3	ANTHONY PARR, SANDRA PARR, RAYMOND PARR, NANCY PARR, LEONARD BOYCE AND KAREN BOYCE	03-B49-0004
4	WARREN JAMES AND PATRICIA MCKEEN	03-B49-0003
5	CLIFFORD E. COUNSELMAN	03-B44-0013
6	STATE OF WEST VIRGINIA DEPARTMENT OF COMMERCE, DIVISION OF NATURAL RESOURCES, WILDLIFE RESOURCES SECTION	03-B44-0014
7	LELAND MACKAY	03-B44-0014.1
8	GENE CHARLES VALENTINE TRUST	03-B43-0028

ADJOINING OWNERS TABLE		
TRACT	SURFACE OWNER	TAX PARCEL
A	PHILLIS A. SWAIN	03-B44-0010
B	PHILLIS A. SWAIN	03-B44-0009
C	PHILLIS A. SWAIN	03-B44-0008
D	NEEL CURTIS LEE & LOUANN L.	03-B44-0007
E	MAIN MILDRED	03-B44-0006
F	CHARLES TOWARD JR. AND JAYME L. DEVOS	03-B44-0012
G	ANTHONY BRUCE PARR, SANDRA L. PARR, RAYMOND LEE, NANCY J. PARR, MICHAEL MAHAN AND PAULA MAHAN	024-00-00-0007
H	WEST VIRGINIA BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION	03-B49-0001
I	DONNI SAMUEL J. & MELANE	03-B43-0057
J	GENE CHARLES VALENTINE TRUST	03-B43-0049.3
K	MARY E. COLLINS	03-B43-0049
L	BETHANY COLLEGE	03-B38-0031
M	UNKNOWN HEIRS OR ASSIGNS OF CLYDE B. ROBERTS	03-B43-0029
N	OWEN MARK W. (1/2) AND KRUETZ VIRGINIA BEALL (1/2)	03-B38-0024
O	DONNA M. CONLEY	03-B44-0002

API WELL #: **47** **009** **00250**
 STATE COUNTY PERMIT

REVISIONS:	COMPANY:			DATE: 07-10-2019
	OPERATOR'S			SANDRA PARR BRK
	WELL #:		1H	DRAWN BY: K.E.S.
	DISTRICT:	COUNTY:	STATE:	SCALE: N/A
BUFFALO DISTRICT	BROOKE	WV	DRAWING NO: 172-289	
			WELL LOCATION PLAT 2	