

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

API 47-009-00247 County BROOKE District CROSS CREEK
Quad STEBENVILLE EAST, OH Pad Name STATE OF WV DNR B BRK PAD Field/Pool Name PANHANDLE FIELD WET
Farm name STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR Well Number STATE OF WV DNR B BRK 6H
Operator (as registered with the OOG) SWN PRODUCTION COMPANY, LLC
Address PO BOX 12359 City SPRING State TX Zip 77391-2359

RECEIVED
Office of Oil and Gas

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4,465,690.92 Easting 540,108.90
Landing Point of Curve Northing 4,465,565.59 Easting 539,920.54
Bottom Hole Northing 4,463,828.05 Easting 540,808.03

JUN - 5 2019

WV Department of
Environmental Protection

Elevation (ft) 1201.1 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 9/28/2018 Date drilling commenced 10/13/2018 Date drilling ceased 10/23/2018
Date completion activities began 2/16/2019 Date completion activities ceased 3/8/2019
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 543 Open mine(s) (Y/N) depths N
Salt water depth(s) ft 693 Void(s) encountered (Y/N) depths N
Coal depth(s) ft 135 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed
C-RL 9-9-19

Reviewed by:
89919

API 47- 009 - 00247

Farm name STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR

Well number STATE OF WV DNR B BRK 6H

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	646	NEW	J-55/54.50#	169.7	Y, 1
Coal	SEE SURFACE						
Intermediate 1	12.25	9.625	1505	NEW	J-55/36#		Y, 20
Intermediate 2							
Intermediate 3							
Production	8.75/8.50	5.5	12524	NEW	HCP-110/20#		Y
Tubing		2.375	6161	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	660	15.60	1.19	785.4	SURFACE	8
Coal	SEE SURFACE						
Intermediate 1	CLASS A	566	15.60	1.20	679.2	SURFACE	8
Intermediate 2							
Intermediate 3							
Production	CLASS A	2,351	15.60	1.19	2,797.69	SURFACE	24
Tubing							

Drillers TD (ft) 12,524 Loggers TD (ft) 12,524

Deepest formation penetrated MARCELLUS SHALE Plug back to (ft) N/A

Plug back procedure N/A

RECEIVED
Office of Oil and Gas

Kick off depth (ft) 5,015

JUN - 5 2019

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

WV Department of Environmental Protection

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 _____

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	2/16/2019
Job End Date:	2/27/2019
State:	West Virginia
County:	Brooke
API Number:	47-009-00247-00-00
Operator Name:	Southwestern Energy
Well Name and Number:	WV DNR B 6H
Latitude:	40.33655600
Longitude:	-80.52875000
Datum:	NAD83
Federal Well:	NO
Indian Well:	NO
True Vertical Depth:	5,728
Total Base Water Volume (gal):	9,471,869
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
Fresh Water	Operator	Base Fluid					
			Water	7732-18-5	100.00000	85.40524	Density = 8.330
Ingredients	Listed Above	Listed Above					
			Water	7732-18-5	100.00000	0.60149	

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	13.95086		
	Hydrochloric acid	7647-01-0	7.50000	0.03998		
	Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.02382		
	Polyacrylate	Proprietary	30.00000	0.02382		
	Propylene glycol	57-55-6	60.00000	0.01243		
	Fatty acid ester	Proprietary	5.00000	0.00794		
	Ethoxylated fatty acid	Proprietary	5.00000	0.00397	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032, 281-871-6226	
	Ammonium chloride	12125-02-9	5.00000	0.00397		
	Sodium chloride	7647-14-5	5.00000	0.00397		
	Methanol	67-56-1	70.00000	0.00395		
	Acetic Acid	64-19-7	60.00000	0.00256		
	Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00000	0.00207		
	Citric Acid	77-92-9	40.00000	0.00171		
	Benzyl-(C12-C16 Alkyl)-Dimethyl-Ammonium Chloride	68424-85-1	30.00000	0.00155		
	Glutaraldehyde	111-30-8	10.00000	0.00052		
	Fatty Acids	Trade Secret	10.00000	0.00012		

* 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)

**STATE OF WV DNR B BRK 6H
ATTACHMENT 1
PERF REPORT**

STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
1	2/10/2019	12,482	12,383	36
2	2/16/2019	12,348	12,241	42
3	2/16/2019	12,208	12,101	42
4	2/17/2019	12,068	11,961	42
5	2/17/2019	11,928	11,821	42
6	2/18/2019	11,788	11,681	42
7	2/18/2019	11,648	11,541	42
8	2/18/2019	11,508	11,401	42
9	2/18/2019	11,368	11,261	42
10	2/18/2019	11,228	11,121	42
11	2/19/2019	11,088	10,981	42
12	2/19/2019	10,948	10,841	42
13	2/19/2019	10,808	10,701	42
14	2/19/2019	10,668	10,561	42
15	2/20/2019	10,528	10,421	42
16	2/20/2019	10,388	10,281	42
17	2/20/2019	10,248	10,141	42
18	2/20/2019	10,108	9,998	42
19	2/20/2019	9,968	9,861	42
20	2/21/2019	9,828	9,721	42
21	2/21/2019	9,688	9,581	42
22	2/21/2019	9,548	9,441	42
23	2/21/2019	9,408	9,301	42
24	2/21/2019	9,268	9,161	42
25	2/22/2019	9,128	9,021	42
26	2/22/2019	8,988	8,881	42
27	2/22/2019	8,848	8,741	42
28	2/22/2019	8,708	8,601	42
29	2/22/2019	8,568	8,461	42
30	2/23/2019	8,428	8,321	42
31	2/23/2019	8,288	8,181	42
32	2/23/2019	8,148	8,041	42
33	2/23/2019	8,008	7,901	42
34	2/23/2019	7,868	7,761	42
35	2/23/2019	7,728	7,621	42
36	2/24/2019	7,588	7,481	42
37	2/24/2019	7,448	7,341	42
38	2/24/2019	7,308	7,201	42
39	2/25/2019	7,168	7,061	42
40	2/25/2019	7,028	6,921	42
41	2/26/2019	6,888	6,781	42
42	2/26/2019	6,748	6,641	42
43	2/26/2019	6,608	6,501	42

**STATE OF WV DNR B BRK 6H
ATTACHMENT 1
PERF REPORT**

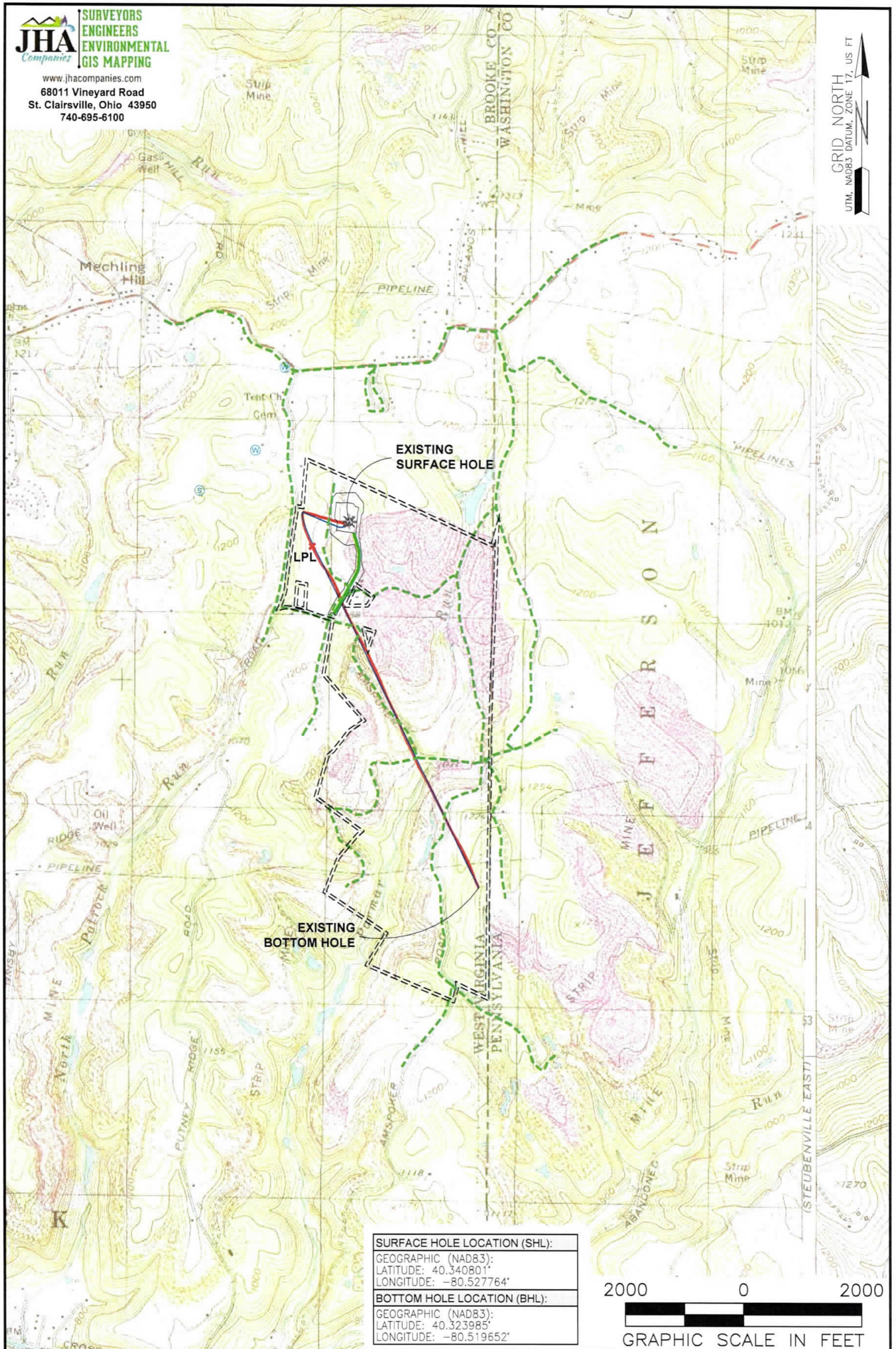
STAGE NUM	Perf Date	Perf Top MD	Perf Bottom MD	# SHOTS PER STG
44	2/26/2019	6,468	6,361	42
45	2/27/2019	6,328	6,221	42
46	2/13/2019	6,188	6,081	42

STATE OF WV DNR B BRK 6H

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/othe
1	2/16/2019	98	7,517	8,539	3,501	280,210	7,309	0
2	2/17/2019	100	7,535	3,638	3,917	281,960	7,460	0
3	2/17/2019	100	7,680	4,731	4,234	279,474	7,573	0
4	2/17/2019	101	7,533	4,000	4,174	281,990	7,380	0
5	2/18/2019	100	7,335	5,477	4,322	279,760	7,209	0
6	2/18/2019	99	7,676	5,197	4,274	278,900	5,030	0
7	2/18/2019	100	7,669	5,357	4,222	280,065	5,050	0
8	2/18/2019	99	7,649	5,056	4,343	277,119	4,949	0
9	2/18/2019	101	7,475	5,057	4,239	280,870	4,683	0
10	2/19/2019	99	7,340	5,112	4,342	280,010	4,683	0
11	2/19/2019	98	7,546	5,007	4,375	278,277	4,514	0
12	2/19/2019	100	7,492	4,851	4,299	279,430	4,718	0
13	2/19/2019	100	7,445	5,275	4,243	280,949	4,728	0
14	2/19/2019	101	7,182	4,946	4,413	286,840	4,872	0
15	2/20/2019	100	7,753	5,182	4,214	281,480	4,774	0
16	2/20/2019	99	7,780	5,233	4,559	280,310	4,777	0
17	2/20/2019	100	7,762	5,279	4,176	279,350	4,607	0
18	2/20/2019	100	7,672	5,219	4,360	280,010	4,698	0
19	2/21/2019	99	7,767	5,374	4,371	279,970	4,713	0
20	2/21/2019	99	7,495	5,135	4,417	278,340	4,613	0
21	2/21/2019	99	7,421	5,170	4,358	279,130	4,582	0
22	2/21/2019	99	7,095	5,371	4,462	279,530	6,896	0
23	2/21/2019	100	7,325	5,103	4,324	281,090	4,606	0
24	2/22/2019	100	7,598	5,070	4,139	280,510	4,614	0
25	2/22/2019	100	7,475	4,992	4,155	280,500	4,590	0
26	2/22/2019	100	7,573	5,004	4,428	280,020	4,637	0
27	2/22/2019	99	7,467	5,520	4,189	278,860	4,531	0
28	2/22/2019	97	77,887	5,324	4,336	280,050	4,580	0
29	2/23/2019	100	7,573	5,342	4,268	281,030	4,637	0
30	2/23/2019	96.6	7,467	5,082	4,272	280,000	4,779	0
31	2/23/2019	99.2	7,235	5,075	4,389	279,780	4,494	0
32	2/23/2019	97.5	7,209	5,167	4,237	280,060	4,527	0
33	2/23/2019	98.3	7,142	5,380	4,485	281,280	4,494	0
34	2/23/2019	98.7	7,420	5,283	4,234	280,240	4,576	0
35	2/24/2019	99.8	7,260	5,992	4,431	281,370	4,636	0
36	2/24/2019	99.6	7,116	5,363	4,361	280,010	4,475	0
37	2/24/2019	100.2	6,918	5,226	4,168	279,160	4,455	0
38	2/24/2019	99.5	7,034	5,320	4,222	279,778	4,440	0
39	2/25/2019	99.2	7,026	5,230	4,158	279,056	4,371	0
40	2/26/2019	95	7,120	5,794	4,456	279,560	4,536	0
41	2/26/2019	94.6	7,181	5,560	4,219	281,510	4,393	0
42	2/26/2019	96.1	7,034	5,687	4,425	280,560	4,393	0
43	2/26/2019	96.5	7,105	5,603	4,412	278,460	4,450	0
44	2/26/2019	98.1	7,189	5,165	4,435	280,960	4,541	0
45	2/27/2019	99.7	6,995	5,091	4,521	280,230	4,317	0
46	2/27/2019	100	6,542	5,461	4,342	280,250	4,350	0



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.
3. ALL INSETS ARE GRID NORTH UNLESS OTHERWISE DEPICTED.

LEGEND:

- PROPOSED SURFACE HOLE / BOTTOM HOLE
- ⊙ EXISTING / PRODUCING WELLHEAD
- ✖ LPL
- FLOOD PLAIN
- ACCESS ROAD
- - - PUBLIC ROAD
- ACCESS ROAD TO PREV. SITE
- - - - - LEASE BOUNDARY
- PROPOSED PATH
- ASDRILLED PATH

WELL OPERATOR: SWN PRODUCTION COMPANY, LLC	WELL (FARM) NAME: STATE OF WV DNR B BRK	WELL # 6H	SERIAL # XXXX
ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201, MORGANTOWN, WV 26508	COUNTY - CODE BROOKE - 009	DISTRICT: CROSS CREEK	API NO: 47-009-00247
SURFACE OWNER: STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR	USGS 7 1/2 QUADRANGLE MAP NAME: STUEBENVILLE EAST, OH		

LATITUDE: 40°22'30" SURFACE HOLE

7737'

LATITUDE: 40°20'00" BOTTOM HOLE

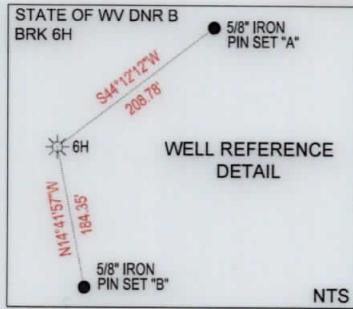
5477'



www.jhacompanies.com
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 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.

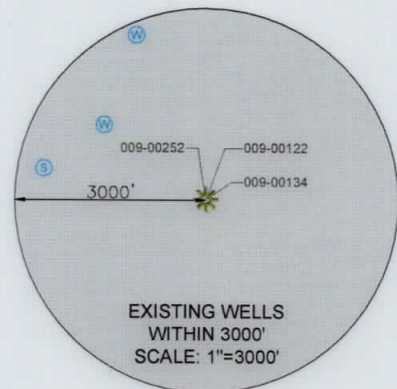


LINE	BEARING	DISTANCE
L1	S05°40'24\"/>	

SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4465690.92 EASTING: 540108.90
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4465565.59 EASTING: 539920.54
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4463828.05 EASTING: 540808.03
SURFACE HOLE LOCATION (SHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4465690.92 EASTING: 540108.90
LANDING POINT LOCATION (LPL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4465576.03 EASTING: 539923.05
BOTTOM HOLE LOCATION (BHL):
UTM (NAD83, ZONE 17, METERS): NORTHING: 4463825.74 EASTING: 540808.17

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. 2041





<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25034</p>	MINIMUM DEGREE OF ACCURACY: 1/200 PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS (NAVD 88, US FT)	STATE OF WV DNR B BRK OPERATOR'S WELL #: 6H API WELL #: 47 009 00247 STATE COUNTY PERMIT
	WELL TYPE: OIL <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> PRODUCTION <input checked="" type="checkbox"/> DEEP <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> STORAGE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	WATERSHED: UPPER OHIO NORTH DISTRICT: CROSS CREEK COUNTY: BROOKE SURFACE OWNER: STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR OIL & GAS ROYALTY OWNER: STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DNR
DRILL <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> CONVERT <input type="checkbox"/> PLUG & ABANDON <input type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input checked="" type="checkbox"/> (SPECIFY) AS-DRILLED	TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 5,779' TVD 12,524' TMD	
WELL OPERATOR: SWN PRODUCTION COMPANY, LLC ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	DESIGNATED AGENT: BRITTANY WOODY ADDRESS: 1300 FORT PIERPONT DRIVE, SUITE 201 CITY: MORGANTOWN STATE: WV ZIP CODE: 26508	
LEGEND: ○ PROPOSED SURFACE HOLE / BOTTOM HOLE * EXISTING / PRODUCING WELLHEAD LPL* LANDING POINT LOCATION W EXISTING WATER WELL S EXISTING SPRING	REVISIONS: — SURVEYED BOUNDARY - - - - - LEASE BOUNDARY — AS DRILLED PATH — PROPOSED PATH	DATE: 04-10-2019 API NO: 47-009-00247 DRAWN BY: D. REED SCALE: 1" = 2000' DRAWING NO: 2017-541 WELL LOCATION PLAT

LONGITUDE: -80°30'00" BOTTOM HOLE 3471'
LONGITUDE: -80°30'00" SURFACE HOLE 12449'

WELL BORE TABLE FOR SURFACE / ROYALTY OWNERS			
TRACT	SURFACE OWNER (S) / ROYALTY OWNER (R)	TAX PARCEL	ACRES
1	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION (S/R)	4-CC16-019.00	169.43
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
2	DANNY D. TICE & MARCIA TICE	4-CC16-016.00	6.24
3	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION	4-CC16-022.00	74.032
4	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION	4-CC16-017.00	1.19
5	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION	4-CC16-021.00	0.19
6	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION	4-CC16-023.01	117.720
7	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION	4-CC16-023.00	80.100
8	STATE OF WEST VIRGINIA, BUREAU OF COMMERCE, DIVISION OF NATURAL RESOURCES, PUBLIC LAND CORPORATION FOR THE USE AND BENEFIT OF THE WILDLIFE RESOURCES SECTION	4-CC16-024.00	74.000

ADJOINING OWNERS TABLE			
TRACT	SURFACE OWNER	TAX PARCEL	ACRES
A	MARGARET FRESHWATER	04-C12K-0080.0000	36.01
B	DEBORAH JANE HAMILTON	04-C12K-0078.0000	109.82
C	ARTHUR C. MCDERMITT, JR.	380-008-00-00-0007-01	209.46
D	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	04-CC16-0018.000	2.16
E	WEST VIRGINIA ST OF BUREAU OF COMM DIV OF NAT RES PB LD CORP	04-CC16-0020.0000	1.81
F	ARTHUR C. MCDERMITT, JR.	380-008-00-00-0007-03	61.417
G	PENNWEIR CONSTRUCTION CO.	380-014-00-00-0009-00	6.5
H	PENNWEIR CONSTRUCTION CO.	380-014-00-00-0008-00	61.0
I	PENNWEIR CONSTRUCTION CO.	380-014-00-00-0007-00	16.0
J	ST OF WV DEPT OF COMMERCE NAT RESOURCES	04-CC20-0030.0000	59.12
K	ST OF WV DEPT OF COMMERCE NAT RESOURCES	04-CC20-0027.0000	71.687
L	ST OF WV DEPT OF COMMERCE NAT RESOURCES	04-CC20-0026.0000	3.90
M	ST OF WV DEPT OF COMMERCE NAT RESOURCES	04-CC20-0046.0000	2.90
N	STATE OF WV BUREAU COMM-DIV NR PUBLIC LAND CORP	04-CC16-0008.0001	123.30
O	WEST VIRGINIA ST OF BUREAU DIV OF COMM DIV OF NAT RES PB LD	04-CC16-0011.0000	77.88
P	DONNA K. ROSS (1/2) & WILLIAM J PAULES (1/2)	04-CC16-0014.0000	2.00
Q	DENNIS, SR. & DENNIS, JR. MOLNAR	04-CC16-0013.0000	6.50
R	TIMOTHY BRIAN CUNNINGHAM	04-CC16-0015.0000	1.22
S	DAVID A. & GERALDINE DODD	04-CC12-0041.0000	0.47
T	JOHN D. & KAREN DUFFIELD	04-CC12-0040.0000	0.417
U	JOHN D. & KAREN DUFFIELD	04-CC12-0039.0000	0.486
V	LARRY G., SR. & NORA LOU DODD	04-CC12-0038.0000	1.73
W	RITA K. THOMAS	04-CC12-0055.0000	10.50

REVISIONS:	COMPANY:		 	
	OPERATOR'S			STATE OF WV DNR B BRK
	WELL #:			6H
	DISTRICT:	COUNTY:		STATE:
	CROSS CREEK	BROOKE		WV
			DATE: 04-10-2019	
			API NO: 47-009-00247	
			DRAWN BY: D. REED	
			SCALE: N/A	
			DRAWING NO: 2017-541	
			WELL LOCATION PLAT	