

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Tuesday, November 17, 2020 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC **POST OFFICE BOX 12359**

SPRING, TX 773914954

Re:

Permit Modification Approval for BRIAN TESLOVICH BRK 205

47-009-00312-00-00

Modified Cement Yield

SWN PRODUCTION COMPANY, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926-0450.

Martin

Operator's Well Number: BRIAN TESLOVICH BRK 205

Farm Name: BRIAN L. TESLOVICH

U.S. WELL NUMBER: 47-009-00312-00-00

Horizontal 6A New Drill

Date Modification Issued: November 17, 2020

Promoting a healthy environment.

WW-6B (04/15) APINO. 44. 70 0 9 0 0 3 1 2 MOD

OPERATOR WELL NO. Brian Teslovich BRK 205H
Well Pad Name: Brian Teslovich BRK

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Operator:	SWN Production Co	., LLC 49	94512924	009- Brooke	3-Buffalo	641-Tiltonsville
•			Operator ID	County	District	Quadrangle
2) Operator's Well	Number: Brian Teslov	vich BRK 2	Well Pad	Name: Brian	Teslovich	BRK
3) Farm Name/Surf	face Owner: Brian L.	Teslovich	Public Road	d Access: McC	ord Hill Ro	pad
4) Elevation, currer	nt ground: 1149'	Eleva	tion, proposed p	oost-construction	n: 1151'	
5) Well Type (a) Oth		Oil	Unde	rground Storag	e	
(b)	If Gas Shallow	X	Deep			
	Horizontal				1 8	0
6) Existing Pad: Ye	es or No No				: 185	Q10-15-20
	Formation(s), Depth(s ellus, Up-Dip well to the North, Ta					ssociated Pressure- 3771
8) Proposed Total V	Vertical Depth: 5786'	Magnetic and Administration of the Control of the C	aus tars with the exemple of the Colonia and t			
9) Formation at Tot	2.4	arcellus				Office or Oil and Gas
10) Proposed Total	Measured Depth: 19	9529'				NOV 0 4 2020
11) Proposed Horiz	contal Leg Length: 11	1,281.16'				W Description
12) Approximate F	resh Water Strata Dept	hs: <u>11</u>	15'			Protection
13) Method to Dete	ermine Fresh Water De	pths: Nea	arby spring			
14) Approximate S	altwater Depths: 405	- Salinity P	rofile			
15) Approximate C	oal Seam Depths: 266	6'				
16) Approximate D	epth to Possible Void	(coal mine,	karst, other): F	Possible Void 2	266'	
	well location contain or or adjacent to an active		Yes	No	X	
(a) If Yes, provide	e Mine Info: Name:					
-	Depth:					
	Seam:					
	Owner:					

WW-6B (04/15) APINO. 47-009 0 0 0 0 3 1 2 MOV

OPERATOR WELL NO. Brian Teslovich BRK 205H

Well Pad Name: Brian Teslovich BRK

18)

CASING AND TUBING PROGRAM

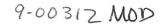
TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS	
Conductor	20"	New	H-40	94#	100'	100'	CTS	
Fresh Water	13 3/8"	New	H-40	48#	320'	320'	323 sx/CTS	
Coal	See	Surface	Casing					
Intermediate	9 5/8"	New	J-55	36#	1609'	1609'	632 sx/CTS	
Production	5 1/2"	New	HCP-110	20#	19529'	19529'	lead 776sx/Tail 3209sx/ 100 Inside Inject	ED in I Gas
Tubing							NOV 04	2020
Liners								2020

C. Supering the Environmental volection

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	30"	0.25	2120	81	Class A	1.20/30% Excess
Fresh Water	13 3/8"	17.5"	0.380	2730	633	Class A	1.20/30% Excess
Coal	See	Surface	Casing				
Intermediate	9 5/8"	12 1/4"	0.352	3520	1768	Class A	1.19/40% Excess
Production	5 1/2"	8 3/4"-8 1/2"	0.361	14360	10500	Class A	1.19/5% Excess
Tubing			gypgalass — Silvyphilasen fyn pwym Grynt (Ar Gell y wedin en hall â'r Gell ar 1989)				
Liners							

PACKERS

Kind:		
Sizes:		
Depths Set:		





Check#10853371 10/27/2020 \$5,000.00

SWN Production Company, LLC 1300 Fort Pierpont Dr, Ste 201 Morgantown, WV 26508

Morgantown, WV 26508 Tel: 304 884 1610 Fax: 304 471 2497 www.swn.com

November 2, 2020

Ms. Laura Adkins Office of Oil & Gas 601 57th Street Charleston, WV 25304

RE: Proposed Expedited Modification: Brian Teslovich BRK 205H

Dear Ms. Adkins

Enclosed please find a modification for the above captioned well. We made changes to the cement yield on page two of the 6B per the DEP inspector's request. This well is situated on the Teslovich's property, in Buffalo District, Brooke County, West Virginia. Enclosed documents:

-Updated 6B

If you have any questions or desire additional information, please me at 304-884-1613

Thank you.

Sincerely,

Brittany Woody

Senior Regulatory Analyst

Southwestern Energy Production Company, LLC

REGEIVED Office of Oil and Gas

NOV 0 4 2020

WV Department of Environmental Protection

R2 2V+°