

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

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, February 7, 2022 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

SWN PRODUCTION COMPANY, LLC POST OFFICE BOX 12359 SPRING, TX 773914954

Re: Permit Modification Approval for CHARLES JAMISON MSH 410H 47-051-02425-00-00

Updated Coal Seem Depth

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.

A. Martin James Chi

Operator's Well Number:CHARLES JAMISON MSH 410HFarm Name:CHARLES AND JEAN JAMISONU.S. WELL NUMBER:47-051-02425-00-00Horizontal 6ANew DrillDate Modification Issued:02/07/2022

Promoting a healthy environment.

4705102425

WW-6B (04/15) API NO. 47-051 -

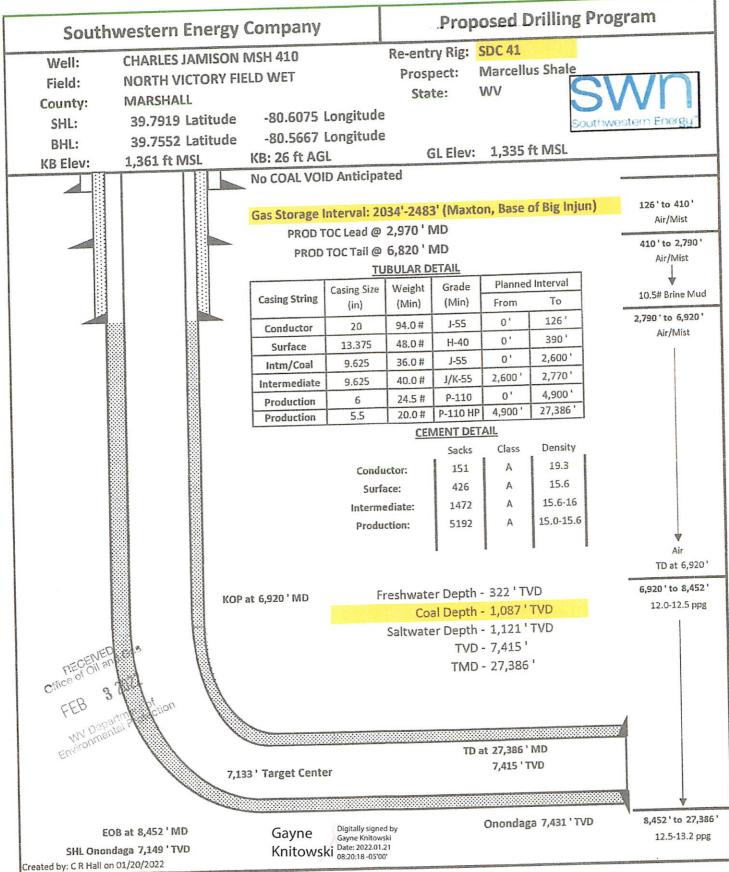
OPERATOR WELL NO. Jamison MSH 410H Well Pad Name: Charles Jamison MSH

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

		494512924	051-Marchal	7-Libertv	278-Cameron
1) Well Operator: SWN Produc	tion Co., LLC	Operator ID	County	District	Quadrangle
2) Operator's Well Number: Jam	ison MSH 410	H Well Pac	i Name: Chang	53 Jamisol	
3) Farm Name/Surface Owner: C	harles & Jean Ja	amison Public Roa	d Access: Gra	pevine Rid	ge Road
4) Elevation, current ground: 1	335' E	levation, proposed			
5) Well Type (a) Gas x	Oil	Und	erground Storag	ge	
Other					
(b)If Gas Shall	ow X	Deep			
Horiz	zontal X		Gayne	Digitally signed Knitowski	
6) Existing Pad: Yes or No Yes			– Knitowski	Date: 2022.01.21 -05'00'	1 08:19:55
 Proposed Target Formation(s), Target Formation- Marcellus, Down-Dip well to 	Depth(s), Anti the South, Target Top	cipated Thickness a TVD- 7383', Target Base T	and Expected P VD- 7431', Anticipated	ressure(s): Thickness- 47', /	Associated Pressure- 4841'
8) Proposed Total Vertical Depth	7415'				
9) Formation at Total Vertical De		IS			
10) Proposed Total Measured De	07000				
11) Proposed Horizontal Leg Ler	ngth: 18928.4	.9'			
12) Approximate Fresh Water St		322'			
13) Method to Determine Fresh		Salinity Calculations fi	rom Charles Jamis	on MSH 206F	l logs (API 47-051-0229
14) Approximate Saltwater Dept	hs: 1121' Sali	nity Profile			
15) Approximate Coal Seam Dep					
16) Approximate Depth to Possil	ble Void (coal a	nine karst other):	None that we	are aware	e of.
17) Does Proposed well location directly overlying or adjacent to	contain coal se an active mine	ams ? Yes <mark>x</mark>	N	0	
(a) If Yes, provide Mine Info:	Name: Mc	Elroy Mine/Marsh	all County Min	е	
(a) If i es, provide white into.	Depth: 106				RECEIVED Gas
		sburgh		Cific	0 2072
		rray Energy Corpo	oration	F	
	Owner	, , , , , ,		W	N Department of conmental Protection
				Ella	5



4705102425



02/11/2022



February 2, 2022

Mr. Charles Brewer Office of Oil & Gas 601 57th Street Charleston, WV 25304

RE: Proposed Expedited Modification:

Charles Jamison MSH 410H -51-02425Charles Jamison MSH 610H -51-02426Charles Jamison MSH 810H -51-02427

Dear Mr. Brewer:

Enclosed please find the required documents to modify this well. There was a typo on the coal depth. This well is situated on the Jamison's property, in Liberty District, Marshall County, West Virginia.

Enclosed you will find:

-6B -Updated WBD

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

Thank you.

Sincerely,

Buttany Moder

Brittany Woody Senior Regulatory Analyst Southwestern Energy Production Company, LLC

Cfifice of Oil and Gas FEB 32022 WV Department of Environmental Protect



1300 Fort Pierpont Dr, Ste 201 Morgantown, WV 26508 Tel: 304 884 1610 Fax: 304 471 2497 www.swn.com

SWN Production Company, LLC

TAID ONLINE \$ 15000

The Righ 2001 of 2012 Dept Things, wisely investing the cash flow from our underlying Assets, will create Value+®



Stansberry, Wade A <wade.a.stansberry@wv.gov>

02/11/2022

Expedited Modification Horizontal H6A Well Work Permit API: 47-051-02425, 02426, 02427) 1 message

Stansberry, Wade A <wade.a.stansberry@wv.gov>

Tue, Feb 8, 2022 at 7:57 AM To: Brittany Woody <Brittany Woody@swn.com>, liz gee@swn.com, "Gayne J. Knitowski" <gayne.j.knitowski@wv.gov>, Eric Buzzard <ebuzzard@marshallcountywv.org>

I have attached a copy of the newly issued well permit number. This will serve as your copy.

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47-051-02425 - CHARLES JAMISON MSH 410H
47-051-02426 - CHARLES JAMISON MSH 610H
47-051-02427 - CHARLES JAMISON MSH 810H
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If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry **Environmental Resource Specialist 3** West Virginia Department of Environmental Protection Office of Oil & Gas 601 57th St. SE Charleston, WV 25304 (304) 926-0499 ext. 41115 (304) 926-0452 fax Wade.A.Stansberry@wv.gov <47-085-10414 - Copy.pdf><47-085-10415 - Copy.pdf><47-085-10417 - Copy.pdf>

3 attachments

- 47-051-02425 mod.pdf 7-1007K
- 47-051-02427 mod.pdf 1009K
- 47-051-02426 mod.pdf 7-1002K