



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

Tuesday, December 13, 2022
PERMIT MODIFICATION APPROVAL
Horizontal 6A / Plugging

EQT PRODUCTION COMPANY
625 LIBERTY AVE., SUITE 1700

PITTSBURGH, PA 15222

Re: Permit Modification Approval for MICHAEL 2H
47-049-02279-00-00

Cement Variance

EQT PRODUCTION COMPANY

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.

James A. Martin
Chief

A handwritten signature in blue ink, appearing to read 'James A. Martin', is written over the typed name and title.

Operator's Well Number:
Farm Name: MICHAEL, WILLIAM J. & JUANITA O.
U.S. WELL NUMBER: 47-049-02279-00-00
Horizontal 6A Plugging
Date Modification Issued: 12/13/2022

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12/16/2022



October 18, 2022

Mr. Taylor Brewer
West Virginia Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304

Re: Class L Cement Variance Request
Michael 2H Well
Permit Number 47-049-02279
Mannington District, Marion County

Dear Mr. Brewer,

EQT Production Company (EQT) has been notified by our cement providers that they will no longer be providing Class A cement. As a result of this, EQT is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs.

The variance request from Legislative Rule 35CSR4 Section 11.5, related to the use of Class L Cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at 724-746-9073.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Zavatchan'.

John Zavatchan
Project Specialist - Permitting

Enc.

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Office of Oil and Gas
601 57th Street, SE
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Phone (304) 926-0450

Harold D. Ward, Cabinet Secretary
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**BEFORE THE OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA**

**IN THE MATTER OF A VARIANCE FROM)
LEGISLATIVE RULE 35CSR4)
SECTION 14.1. AND LEGISLATIVE RULE)
35CSR8 SECTION 20.1,)
RELATING TO THE CEMENTING)
OF OIL AND GAS WELLS)**

ORDER NO. 2022-13

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well plugging.

FINDINGS OF FACT

1. On July 28, 2022, Diversified Gas & Oil Co. (DGO) submitted a variance request from Legislative Rule 35CSR4 for the use of API Class L cement in place of API Class A cement, relating to the plugging of conventional wells.
2. Laboratory analysis submitted by DGO on July 28, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR8 Section 20.1., for the use of API Class L cement in place of API Class A cement, relating to the plugging of horizontal wells.

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4. On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogrammed by API is approved for use in place of API Class A cement for well plugging subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OF THE STATE OF WEST VIRGINIA



James Martin, Chief
Office of Oil and Gas

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Michael 2H
Marion Co., WV
Conductor Only
API # 47-049-02279
BY: Tyler Mizgorski
DATE: 10/19/2022

CURRENT STATUS:

Elevation @ 1,394'
20" J-55 94 ppf conductor @ 100' No Cement Details

Fresh water N/A due to only conductor spud
Coal Show N/A due to only conductor spud
Salt Water N/A due to only conductor spud

- 1) Notify Inspector **Ken Greynolds**, (304) 206-6613, Kenneth.L.Greynolds@wv.gov prior to beginning operations.
- 2) **Conduct Tailgate Safety Meeting. Complete JSA's as required**
- 3) Cut off cap welded onto conductor
- 4) Drop string in well to verify depth of conductor at 100'
- 5) MIRU rig. Begin P&A operations
- 6) Remove all water from conductor
- 7) RIH and set 100' C1A or Class L cement plug from 100' to surface. TOO H w/tubing
- 8) Let Cement dry for 8 hours
- 9) Top off well to surface with solid cement as needed
- 10) Set Monument above ground to WV-DEP Specifications

Kenneth Greynolds

Digitally signed by Kenneth Greynolds
DN: cn = Kenneth Greynolds, email = Kenneth.L.Greynolds@wv.gov, c = AD, o = WV-DEP, ou = Oil and Gas
Date: 2022.10.24.12:59:15 -0400

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DAVID J. MICHAEL
669 COLONIAL DRIVE
MORGANTOWN, WV 26505

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JOHN J. MICHAEL
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CESAR ATILIO BROL VALENCIA &
MELANIA HIGGINBOTHAM
AREVALO DE BROL, HIS WIFE
11136 COLLETT AVE.
GRANADA HILLS, CA 91344

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CHRISTINE L. FRAGALE, RONALD
A. FRAGLE, VERONICA C. FRAGLE
503 E MAIN ST.
CLARKSBURG, WV 26301

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WPP LLC
5260 IRWIN ROAD
HUNTINGTON, WV 25705-3247

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Kennedy, James P <james.p.kennedy@wv.gov>

Cement Modifications

1 message


Kennedy, James P <james.p.kennedy@wv.gov>


Tue, Dec 13, 2022 at 3:21 PM


To: "Zavatchan, John" <jzavatchan@eqt.com>, Samuel D Ward <samuel.d.ward@wv.gov>, "Shrum, Becky" <BShrum@eqt.com>, OPishioneri@eqt.com

To whom it may concern, Modifications have been issued for 4704902278 04902279 04902184 04902283 04902284.


5 attachments

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