

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: W. B. Cleavenger, et al Operator Well No.: 2187

LOCATION: Elevation: 1544.98 Quadrangle: Philippi (545)
District: Pleasant County: Barbour
Latitude: _____ Feet South of 39 Deg. 13 Min. 29.39 Sec.
Longitude: _____ Feet West of -80 Deg. 05 Min. 30.42 Sec.

Well Type: OIL _____ GAS X

Company Wolf Run Mining, LLC Coal Operator CoalQuest Development, LLC
100 Tygart Drive or Owner 100 Tygart Drive
Grafton, WV 26354 Grafton, WV 26354
Agent Charles E. Duckworth Coal Operator _____
Permit Issued Date 02/01/2021 or Owner _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monogalia ss:

Matthew A. Yearsley and Kevin S. Wright being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 4th day of October, 2021, and the well was plugged and filled in the following manner:

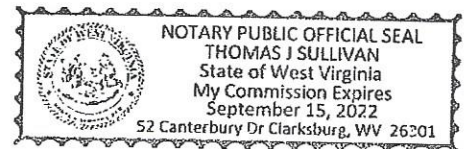
TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable w/ Gas Block	4645'	2050'		
Expandable Cement	2050'	1459'		
Thixotropic w/ Green Dye	1459'	756'		
Expandable Cement	756'	Surface		
4 1/2" Casing	2050'	4645'	2050'	2595'
8 5/8" Casing	Surface	1252'	Milled 25'	1227'

Description of monument: 77" of 7" casing with company name, well #, API#, and date cemented and that the work of plugging and filling said well was completed on the _____ day of _____, 20____.

And further deponents saith not. Matthew A. Yearsley

Kevin S. Wright

Sworn and subscribe before me this 5th day of Nov, 2021



My commission expires: 09/15/22

[Signature]
Notary Public

Affidavit reviewed by the Office of Oil and Gas: [Signature] Title: COG Inspector

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

COALQUEST DEVELOPMENT, LLC
Coal Operator or Owner
100 TYGART DRIVE, GRAFTON, WV 26354
Address
COALQUEST DEVELOPMENT, LLC.
Coal Operator or Owner
100 TYGART DRIVE, GRAFTON, WV 26354
Address
RICHARD L. CLEAVENGER, ET AL
Lease or Property Owner
114 SHERWOOD ROAD, BRIDGEPORT, WV 26330
Address

WOLF RUN MINING, LLC.
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
PHILIPPI (545)
Well Location
PLEASANT
District
BARBOUR
County
2187
Well No.
W.B. CLEAVENGER, ET AL
Farm

STATE INSPECTOR SUPERVISING PLUGGING

S.D. Wainwright
AFFIDAVIT

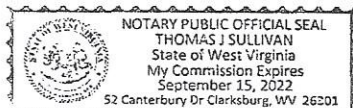
STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

MATTHEW A. YEARSLEY and **KEVIN S. WRIGHT** being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Wolf Run Mining, LLC well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 4th day of October, 2021 and that the well was plugged in the following manner:

Sand or Zone Record	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left In
Formation				
Cleaned out the existing 4 1/2" casing with 2 3/8" drill pipe from the surface to 4645'. Tagged plug at 4645'. Cemented the bottom hole from 4645' back to 2050' with 155 sacks of Expandable Cement with a gas blocker additive. Tagged the cement plug at 2050'. Removed 2050' of 4 1/2" casing from surface to 2050'. Left 2595' of 4 1/2" casing in the hole from 2050' to 4645'. Cleaned the hole with a 7 7/8" bit from the surface to the top of the bottom hole plug at 2050'. Set intermediate cement plug from 2050' to 1459' with 140 sacks of Expandable Cement and from 1459' to 1167' with 105 sacks of Thixotropic Cement. Tagged top of intermediate plug at 1167'. Section milled a 25' window in 8 5/8" casing from 965' to 990' which also removed the 8 5/8" casing through the Lower Kittanning Coal Seam (975.2' - 980.1'). Left 1227' of 8 5/8" casing in the hole from the surface to 965', and from 990' to 1252'. Cut the 8 5/8" casing through the Clarion Coal Seam (1050.2' - 1058.5'), at 1060', 1058.5', 1057', 1055.5', 1054', 1052.5', 1051', 1049.5', 1048', and 1046.5'. Due to extreme bond on the 8 5/8" casing no additional perforations or rips were required per the Arch Coal 101C petition. Left 30' of 11 3/4" casing in the hole from the surface to 30'. All electronic logs were taken from 10' above ground level.				
Cemented the hole from 1167' to surface as follows: From 1167' to 756' with 125 sacks of Thixotropic Cement with Green Dye. From 756' to the surface with 195 sacks of Expandable Cement. Cement did circulate at ground level. A total of 720 sacks of cement was used to fill the hole from 4645' to the surface.				
Coal Seams		Description of Monument		
Lower Kittanning Seam	975.2' - 980.1'	77" of 7" casing w/ company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to cement plug at ground level.		
Clarion Coal Seam	1050.2' - 1059'			

... and that the work of plugging and filling said well was completed on the 29th day of October, 2021

And further deponents saith not.



Sworn to and subscribed before me this 5th day of Nov. 2021

Matthew A. Yearsley
Matthew A. Yearsley

Kevin S. Wright
Kevin S. Wright

[Signature]
Notary Public

My commission expires: 09/15/22

Permit No. 47-001-02267
Well No. 2187
Latitude: 39° 13' 29.39"N
Longitude: -80° 05' 30.42"W