

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: Vera Boylen Operator Well No.: Vera Boylen #2

LOCATION: Elevation: 1399.19' Quadrangle: Philippi (545)
District: Pleasant County: Barbour
Latitude: _____ Feet South of 39 Deg. 12 Min. 36 Sec.
Longitude: _____ Feet West of 80 Deg. 05 Min. 28 Sec.

Well Type: OIL _____ GAS X

Company CoalQuest Development Coal Operator 100 Tygart Drive Grafton, WV 26354
or Owner _____
Agent Charles E. Duckworth Coal Operator _____
or Owner _____
Permit Issued Date 09/17/2019

AFFIDAVIT

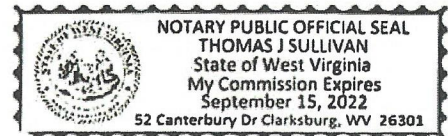
STATE OF WEST VIRGINIA,
County of Monongalia ss:

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 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 31st day of March, 2020, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement	4454'	1224'		
Thixotropic w/ Green Dye	1224'	575'		
Expandable Cement	575'	Surface		
4 1/2" Casing	2006'	4487'	2006'	2481'
8 5/8" Casing	Surface	1018'	Milled 27'	991'
11 3/4" Casing	Surface	35'	0'	35'
16" Conductor Casing	Surface	5'	0'	5'

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 10th day of April, 2020.

And further deponents saith not. Matthew A. Yearsley
Kevin S. Wright



Sworn and subscribe before me this 17th day of Apr, 2020

My commission expires: 09/15/22

Thomas J. Sullivan
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Conrad Koppal Title: OIL & GAS INSPECTOR

Plugging Report for MSHA

Well Number: Vera Boylen #2 Mine: Sentinel Mine
 Permit Number: 47-001-01190
 Date Clean Out Started: 3/31/2020
 Date Well Bore Plugged: 4/10/2020
 Pittsburgh Coal Seam: 775 ft. To 780 ft.

Plugs:	From	To	Type of Cement
	4454'	2006'	Expandable Cement
	2006'	1224'	Expandable Cement
	1224'	575'	Thixotropic Cement w/ Green Dye
	575'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing	2006'	4487'	2481'	2006'
7" casing				
7" fiberglass				
8 5/8" casing	Surface	1018'	991'	Milled 27'
11 3/4" Casing	Surface	35'	35'	0
16" Conductor	Surface	5'	5'	0

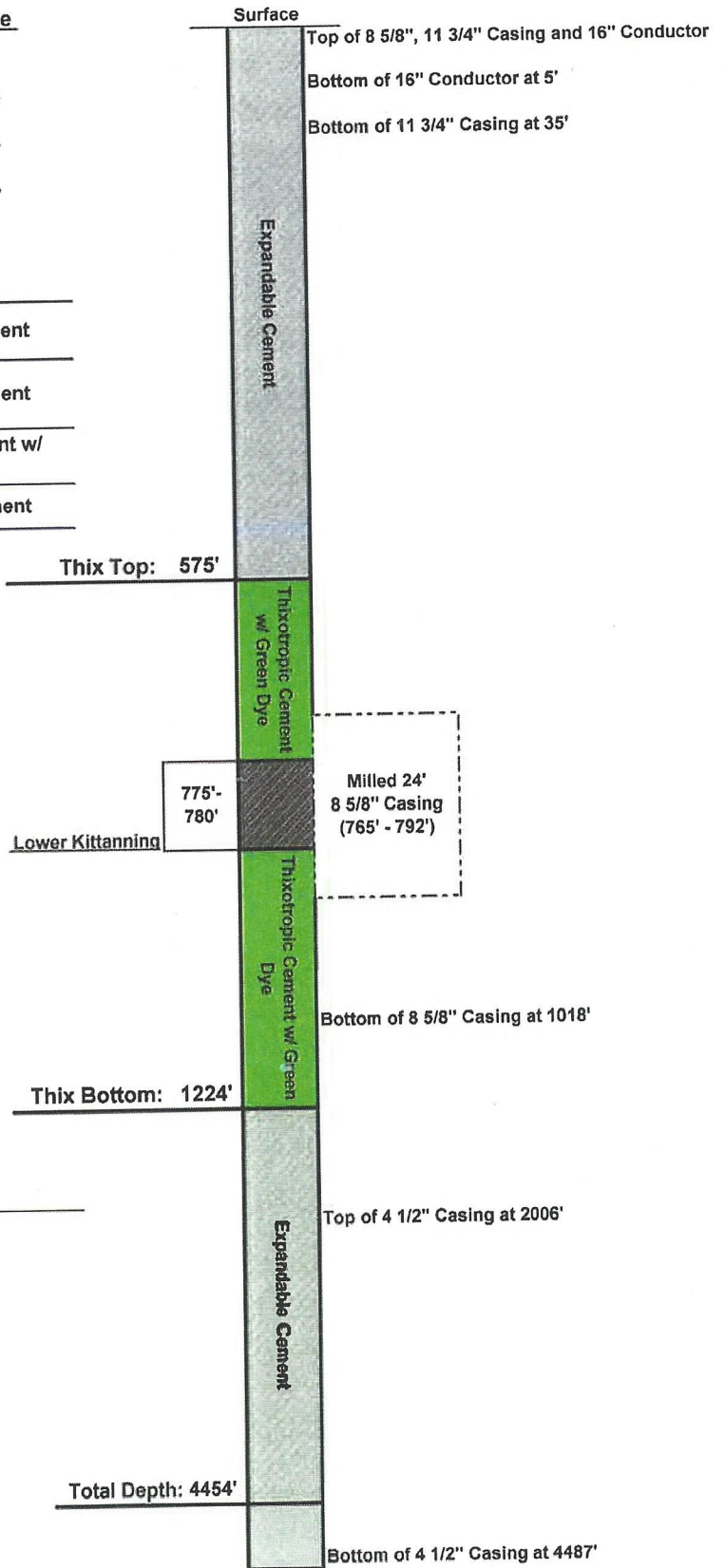
Cement:

Expandable _____ 465 _____ sacks
 Thixotropic _____ 190 _____ sacks
 Econofill _____ _____ sacks
 Mud Flush _____ 1000 _____ gal
 Other _____ _____ ft
 Est. Top Thix _____ _____
 Did Cement Circ. _____ YES _____

Comments:

Caving: Extreme Moderate Normal
 Lost Circulation: Extreme Moderate Normal
 Difficulty in Removing Casing: Extreme Moderate Normal
 Debris in Well Bore: Wood Steel Other: _____

Surface Elevation (Surveyed) 1390'
 Bottom of Coal Structure (Map) 610'
 Difference 780'



AFFIDAVIT OF PLUGGING AND FILLING WELL

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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
ROBERT R. & MINDI JACOBS
Lease or Property Owner
RT.1 BOX 421-A FLEMINGTON, WV 26347
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
VERA BOYLEN #2
Well No.
VERA BOYLEN
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Herbert Reynolds

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 Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 31st day of March, 2020 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 a 3 1/2" hole through 4 1/2" casing from surface to 4454'. Tagged solid plug at 4454'. Cemented bottom hole with 165 sacks of Expandable Cement with a gas blocker additive from 4454' to 2006'. Removed 2006' of 4 1/2" casing from surface to 2006'. Left 2481' of 4 1/2" casing from 2006' to 4487'. Cleaned a 7 7/8" hole from surface to 2006'. Tagged bottom hole cement plug at 2006'. Set intermediate plug from 2006' to 1224' with 170 sacks of Expandable Cement. Section milled 8 5/8" from 765' to 792' through the Lower Kittanning Coal Seam (775' - 780'). Left 765' of 8 5/8" casing from surface to 765' and 226' from 792' to 1018' due to extreme cement bond on 8 5/8" casing. No additional perforations or rips were required per the Leer Mine 101C Petition. All casing depths were taken from previous well records.	4 1/2" Casing	2006'	2481'	
		8 5/8" Casing	Milled 27'	991'
		11 3/4" Casing	0	35'
		16" Conductor	0	5'
Cemented hole from 1224' to surface as follows: From 1224' to 575' with 190 sacks of Thixotropic Cement with Green Dye. From 575' to surface with 130 sacks of Expandable Cement. Cement did circulate at surface. A total of 655 sacks of cement were used to cement the well to surface. Left 5' of 16" conductor pipe in the well at surface.				
Coal Seams		Description of Monument		
<u>Kittanning Coal Seam</u>	775' - 780'	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.		

... and that the work of plugging and filling said well was completed on the 10th day of April, 2020

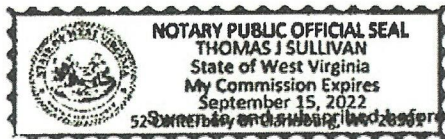
And further deponents saith not.

Matthew A. Yearsley

Matthew A. Yearsley

Kevin S. Wright

Kevin S. Wright



Subscribed and sworn to before me this 13th day of Apr, 2020

Thomas J. Sullivan

Notary Public

My commission expires: 09/15/22

Permit No. 47-001-01190
Well No. Vera Boylen #2
Latitude: 39° 12' 36" N
Longitude: 80° 05' 28" W