

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, 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
CHARLES A. SMITH
Lease or Property Owner
94 DOGWOOD TRAILS, NAPIER, WV 26631
Address

ICG TYGART VALLEY, LLC
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
THORNTON (638)
Well Location
KNOTTSVILLE
District
TAYLOR
County
BJ-610
Well No.
MCVICKER, EVELYN M.
Farm

STATE INSPECTOR SUPERVISING PLUGGING

[Signature] 1-20-17

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

DELBERT MOORE 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 ICG Tygart Valley, LLC well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5th day of December, 2016 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
	Cleaned hole with 3 3/4" bit through 4 1/2" casing from Surface to 5423'. Tagged solid plug at 5423'. Cemented bottom hole plug from 5423' to 3191' with 145 sacks of Expandable Cement with Gas Blocker additive. Removed 3191' of 4 1/2" casing from Surface to 3191'. Left an unknown amount of 4 1/2" casing in the hole from 3191' to an unknown depth due to extreme bond. Remaining 4 1/2" casing has preexisting perforations at the following depths: 5370', 5117', 4302' and 4178'. Cleaned 7 7/8" hole from Surface to 3191'. Tagged top of 4 1/2" casing and cement plug at 3191'. Cemented intermediate plug from 3191' to 1360' with 370 sacks of Expandable Cement. The bond log verifies extreme bonding throughout the MSHA area of concern, therefore it was necessary to section mill 27' of 8 5/8" casing from 570' to 597'. Section milled 8 5/8" casing through the Lower Kittanning Coal seam from 581' to 586'. Left 1093' of 8 5/8" casing in the hole from Surface to 1120'. Cleaned 7 7/8" hole from Surface to 1360'. Tagged intermediate plug with 7 7/8" bit at 1360'. Left 5' of 16" conductor casing in the hole from Surface to 5'. Cemented hole from 1360' back to Surface as follows: From 1360' to 986' with 70 sacks of Expandable Cement. From 986' to 380' with 175 sacks of Thixotropic Cement with green dye. From 380' back to the Surface with 75 sacks of Expandable Cement. Cement did circulate at the Surface.	16" Conductor Casing 8 5/8" Casing 4 1/2" Casing	0' Milled 27' 3191'	5' 1093' Unknown
Coal Seams		Description of Monument		
<u>LOWER KITTANNING</u>	<u>581' to 586'</u>	77" of 7" casing w/company name, well number, permit number and date cemented stated on 7" casing. Well marker will be attached to the cement plug at ground level.		
(Name)				
(Name)				
(Name)				

... And that the work of plugging and filling said well was completed on the 21st day of December, 2016

And further deponents saith not.

[Signature]
Delbert Moore

[Signature]
Kevin S. Wright

Sworn to and subscribed before me this 16th day of Jan 2017

07/15/2022

My commission expires: 9-12-17



[Signature]
Notary Public

Permit No. 47-91-00438-P
Well No. BJ-610

Plugging Report for MSHA



ORIGINAL

Well Number: BJ-610 Mine: ICG Tygart Valley, LLC
 Permit Number: 47-91-00438-P
 Date Clean Out Started: 12/5/2016
 Date Well Bore Plugged: 12/21/2016
 Lower Kittanning Coal Seam: 581 ft. To 586 ft.

From	To	Type of Cement
5423'	3191'	Expandable Cement w/ Gas Blocker
3191'	1360'	Expandable Cement
1360'	986'	Expandable Cement
986'	380'	Thixotropic Cement with Green Dye
380'	Surface	Expandable Cement

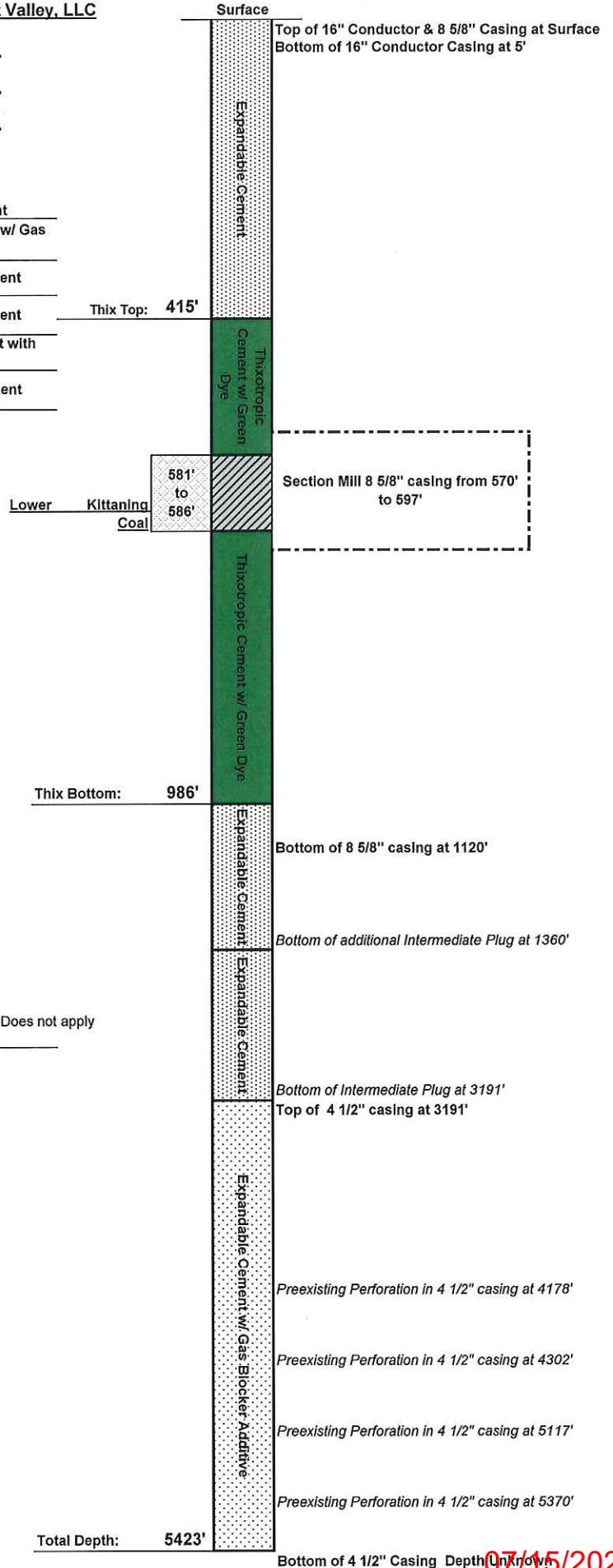
Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing				
2 3/8" tubing				
4 1/2" casing	3191'	Unknown	Unknown	3191'
7" casing				
8 5/8" casing	Surface	1120'	1093'	Milled 27'
11 3/4" casing				
16" conductor casing	Surface	5'	5'	0'
Other				

Cement:

Expansive	660	sacks
Thixotropic	175	sacks
Econofill	0	sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix	380'	
Did Cement Circ.	Yes	

Comments:
 Caving: Extreme Moderate Normal
 Lost Circulation: Extreme Moderate Normal
 Difficulty in Removing Casing: Extreme Moderate Normal Does not apply
 Debris in Well Bore: Wood Steel Other: _____



Total Depth: **5423'**

Bottom of 4 1/2" Casing Depth Unknown **07/15/2022**