



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
JOHN E. III & LAYNE LEE
Lease or Property Owner
2410 AVENEL AVENUE, ROANOKE, VA 24015
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
J-1198
Well No.
RIDENOUR, FRANK
Farm

STATE INSPECTOR SUPERVISING PLUGGING Edward L. Reynolds 12-21-16

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 19th day of October, 2016 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Removed 5750' of 1 1/2" tubing from Surface to 5750'. Tripped in the hole with 3 3/4" bit and tagged solid plug at 5786'. Cemented bottom hole plug from 5786' to 3271' with 170 sacks of Expandable Cement with Gas Blocker additive. Removed 3271' of 4 1/2" casing from Surface to 3271'. Left an unknown amount of 4 1/2" casing in the hole from 3271' to an unknown depth due to extreme bond. Remaining 4 1/2" casing has preexisting perforations at the following depths: 5124', 4504', 4264' and 4164'. Cleaned 7 7/8" hole from Surface to 3271'. Tagged top of 4 1/2" casing and cement plug at 3271'. Cemented intermediate plug from 3271' to 1051' with 400 sacks of Expandable Cement. The bond log verifies extreme bonding throughout the MSHA area of concern, therefore it was necessary to section mill 25' of 8 5/8" casing from 600' to 625'. Section milled 8 5/8" casing through the Lower Kittanning Coal seam from 610' to 615'. Left 1081' of 8 5/8" casing in the hole from Surface to 1106'. Cleaned 7 7/8" hole from Surface to 1051'. Tagged intermediate plug with 7 7/8" bit at 1051'. Left 20' of 16" conductor casing in the hole from Surface to 20'.	16" Conductor Casing 8 5/8" Casing 4 1/2" Casing 1 1/2" Tubing	0' Milled 25' 3271' 5750'	20' 1081' Unknown 0'	
Coal Seams LOWER KITTANNING	610' to 615'	Description of Monument 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 7th day of November, 2016

And further deponents saith not.

Delbert Moore
Delbert Moore

Kevin S. Wright
Kevin S. Wright

Sworn to and subscribed before me this 21st day of Dec 2016

Coral A. Mayhew
Notary Public



My commission expires: 9-12-17

Permit No. 47-91-00488-P
Well No. J-1198



Plugging Report for MSHA

Well Number: J-1198 Mine: ICG Tygart Valley, LLC
Permit Number: 47-91-00488-P

Date Clean Out Started: 10/19/2016
Date Well Bore Plugged: 11/7/2016
Lower Kittanning Coal Seam: 610 ft. To 615 ft.

Plugs:

From	To	Type of Cement
5786'	3271'	Expandable Cement w/ Gas Blocker
3271'	1051'	Expandable Cement
1051'	415'	Thixotropic Cement with Green Dye
415'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
1 1/2" tubing	Surface	5750'	0'	5750'
2 3/8" tubing	3271'			
4 1/2" casing	3271'	Unknown	Unknown	3271'
7" casing				
8 5/8" casing	Surface	1106'	1081'	Milled 25'
11 3/4" casing				
16" conductor casing	Surface	20'	20'	0'
Other				

Cement:

Expansive	665	sacks
Thixotropic	190	sacks
Econofill	0	sacks
Mud Flush	1000	Gal.
Other		
Est. Top Thix Did Cement Circ.	415'	
	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: _____



Thix Bottom: **1051'**
 Total Depth: **5786'**
 Bottom of 4 1/2" Casing Depth Unknown

Top of 16" Conductor & 8 5/8" Casing at Surface

Bottom of 16" Conductor Casing at 20'

Section Mill 8 5/8" casing from 600' to 625'

Bottom of 8 5/8" casing at 1106'

Bottom of Intermediate Plug at 3271'
Top of 4 1/2" casing at 3271'

Preexisting Perforation in 4 1/2" casing at 4164'

Preexisting Perforation in 4 1/2" casing at 4264'

Preexisting Perforation in 4 1/2" casing at 4604'

Preexisting Perforation in 4 1/2" casing at 5124'



ORIGINAL

NO PIT

Company Name: ICG TYGART VALLEY
API: 47-91-00488-P

Farm Name: RIDENOUR, FRANK

Discharge Dates/s From: 10/19/2016

Discharge Times/s From: 5:00 AM

County: TAYLOR

District: KNOTTSVILLE

Well No. J-1198

TO: 11/7/2016

TO: 6:00 PM

Disposal Option Utilized:

Other Method (6): Yes _____

(Include explanation:)

Hauled top water to : Hauled
material to next well to be plugged
or to DEP impoundment facilities
O-2017-06

Name of Principal Exec. Officer: Charles E. Duckworth

Title of Officer: Designated Agent

Date Completed: 11/7/2016

I do certify under the penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature of a Principal Exec. Officer or Authorized agent: 