

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: Williams Operator Well No.: J-1336

LOCATION: Elevation: 1525' Quadrangle: Thornton, WV 7.5'
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 17 Min. 48 Sec.
Longitude: _____ Feet West of 79 Deg. 58 Min. 10 Sec.

Well Type: OIL _____ GAS _____

Company CoalQuest Development Coal Operator 100 Tygart Drive Grafton, WV 26354
or Owner _____
Agent Charles E. Duckworth Coal Operator _____
or Owner _____
Permit Issued Date 07/29/2019

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

Ralph K. Harman and Matthew A. Yearsley 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 1st day of August, 2019, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement	5290'	922'		
Thixotropic w/ Green Dye	922'	315'		
Expandable Cement	315'	Surface		
4 1/2" Casing	1900'	5377'	1900'	3477'
8 5/8" Casing	Surface	1118'	Milled 27"	1091'
16" Conductor	Surface	5'	0	5'

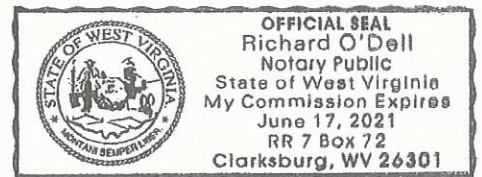
Description of monument: 77" of 7" casing with company name, well #, API #, and date cemented. and that the work of plugging and filling said well was completed on the 22nd day of August, 2019.

And further deponents saith not. Ralph K. Harman

Matthew A. Yearsley

Sworn and subscribe before me this 30th day of August, 2019

My commission expires: 06/17/2021 Richard O'Dell
Notary Public



Affidavit reviewed by the Office of Oil and Gas: Samuel L. Reynolds Title: OIL & GAS INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS WELLS DIVISION

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
NANCY A. WYCKOFF
Lease or Property Owner
1360 LUDWIG ROAD GRAFTON, WV 26354
Address

ICG TYGART VALLEY, LLC.
Name of Well Operator
100 TYGART DRIVE, GRAFTON, WV 26354
Complete Address
THORNTON 7.5'
Well Location
KNOTTSTVILLE
District
TAYLOR
County
J-1336
Well No.
WILLIAMS
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Samuel L. Reynolds

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

RALPH K. HARMAN and MATTHEW A. YEARSLEY 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 1ST day of August, 2019 and that the well was plugged in the following manner:

Formation	Filling Material	Casing Size & Kind	Casing Pulled	Casing Left In
Removed 5282' of 1 1/2" tubing from surface. Cleaned a 3 3/4" hole through 4 1/2" casing from surface to 5290'. Tagged solid plug at 5290'. Cemented bottom hole with 215 sacks of Expandable Cement with Gas Blocker Additive from 5290' to 1900'. Removed 1900' of 4 1/2" casing from surface to 1900'. Left 3477' of 4 1/2" casing from 1900' to 5377'. Cleaned a 7 7/8" hole from surface to 1900'. Tagged solid plug at 1900'. Cemented intermediate plug from 1900' to 922' with 230 sacks of Expandable Cement. Section Milled 8 5/8" casing from 505' to 532' through the Lower Kittanning Coal Seam (515' to 522'). Left 505' of 8 5/8" casing from surface to 505' and 586' from 532' to 1118'. Due to extreme bond on 8 5/8" casing, no additional perforations or rips required per Leer Mines 101C Petition. Casing depths were taken from previous well records. <u>Cement hole from 922' to surface as follows:</u> From 922' to 315' with 215 sacks of Thixotropic Cement with green Dye Cement from 315' to surface with 105 sacks of Expandable Cement. Cement did circulate at surface. Used a total of 765 sacks of cement to plug well. Left 5' of 16" conductor in hole at surface.	4 1/2" Casing	1900'	3477'	
		8 5/8" Casing	Milled 27"	1091'
		16" Conductor	0	5'
<u>Coal Seams</u>	<u>LOWER KITTANNING</u>	<u>515' - 522'</u>	<u>Description of Monument</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.	

... And that the work of plugging and filling said well was completed on the 22nd day of July, 2019

And further deponents saith not.

Ralph K. Harman
Ralph K. Harman

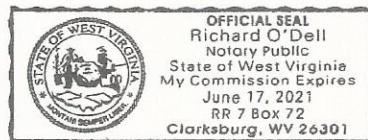
Matthew A. Yearsley
Matthew A. Yearsley

Sworn to and subscribed before me this 30th day of August, 2019

Richard O'Dell
Notary Public

My commission expires:

06/17/2021



Permit No. 47-091-00546
Well No. J-1336
Latitude: 39° 17' 48"
Longitude: 79° 58' 10"