

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: Tygart Lake Country Club Operator Well No.: B-0691

LOCATION: Elevation: 1468' Quadrangle: Thornton, WV 7.5'
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 18 Min. 18 Sec.
Longitude: _____ Feet West of 79 Deg. 58 Min. 16 Sec.

Well Type: OIL _____ GAS XX

Company CoalQuest Development Coal Operator 100 Tygart Drive Grafton, WV 26354
or Owner _____
Coal Operator _____
Agent David B. Berry or Owner _____
Permit Issued Date 09/20/2019

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 14th day of January, 2020, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement	5403'	949'		
Thixotropic w/ Green Dye	949'	343'		
Expandable Cement	343'	Surface		
4 1/2" Casing	2208'	5352'	2208'	3144'
8 5/8" Casing	Surface	989'	Milled 27'	962'
11 3/4" Casing	Surface	85'	0	85'
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 30th day of January, 2020.

And further deponents saith not. Ralph K. Harman

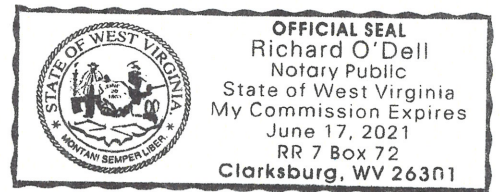
Matthew A. Yearsley

Sworn and subscribe before me this 30th day of January, 2020

My commission expires: 06/17/2021

Richard O'Dell

Notary Public



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

Plugging Report for MSHA

Well Number: B-0691 Mine: Berry Energy

Permit Number: 47-091-00700

Date Clean Out Started: 1/14/2020

Date Well Bore Plugged: 1/30/2020

Kittanning Coal Seam: 543 ft. To 549 ft.

Plugs:	From	To	Type of Cement
	5403'	949'	Expandable Cement
	949'	343'	Thixotropic Cement w/ Green Dye
	343'	Surface	Expandable Cement

Casing Remaining in Well Bore

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing	2208'	5352'	3144'	2208'
7" casing				
7" fiberglass				
8 5/8" casing	Surface	989'	962'	Milled 27'
11 3/4" Casing	Surface	85'	85'	0
16" Conductor	Surface	5'	5'	0

Cement:

Expandable	660	sacks
Thixotropic	210	sacks
Econofill		sacks
Mud Flush	1000	gal
Other		
Est. Top Thix		ft
Did Cement Circ.	Yes	

Comments:

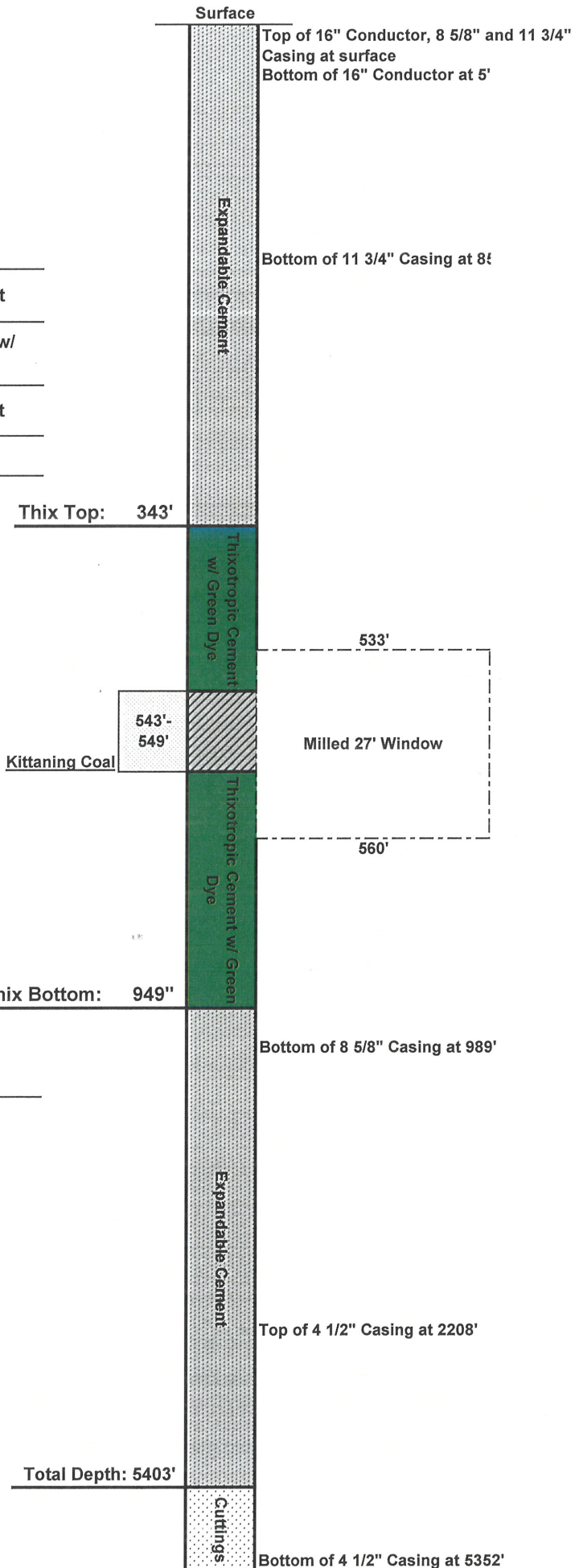
Caving: Extreme Moderate **Normal**

Lost Circulation: **Extreme** Moderate Normal

Difficulty in Removing Casing: **Extreme** Moderate Normal

Debris in Well Bore: Wood **Steel** Other: _____

Surface Elevation (Surveyed)	1468
Bottom of Coal Structure (Map)	919
Difference	549



Surface
Top of 16" Conductor, 8 5/8" and 11 3/4" Casing at surface
Bottom of 16" Conductor at 5'

Bottom of 11 3/4" Casing at 8'

Thix Top: 343'

533'

543'-549'
Kittanning Coal

Milled 27' Window

560'

Thix Bottom: 949'

Bottom of 8 5/8" Casing at 989'

Top of 4 1/2" Casing at 2208'

Total Depth: 5403'

Bottom of 4 1/2" Casing at 5352'

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

B W INVESTMENTS, INC.
Lease or Property Owner
225 MT. MEADOW LANE BRIDGEPORT, WV 26330
Address

BERRY ENERGY, INC.
Name of Well Operator
310 STILES ST. CLARKSBURG, WV 26301
Complete Address

THORNTON, WV
Well Location
KNOTTSVILLE
District

TAYLOR
County
B-0691
Well No.

TYGART LAKE COUNTRY CLUB
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Kenneth 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 Consolidation Coal Company well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 14TH day of January, 2020 and that the well was plugged in the following manner:

Sand or Zone Record Formation	Filling Material	Casing/Tubing Size	Casing Pulled	Casing Left In
Cleaned a 3 3/4" hole through 4 1/2" casing from surface to 5403'. Tagged solid plug at 5403'. Cemented bottom hole with 210 sacks of Expandable Cement with Gas Blocker Additive from 5403' to 2208'. Removed 2208' of 4 1/2" casing from surface to 2208'. Left 3144' of 4 1/2" casing from 2208' to 5352'. Cleaned a 7 7/8" hole from surface to 2208'. Tagged cement plug at 2208'. Set intermediate plug from 2208' to 949' with 300 sacks of Expandable Cement. Section milled 8 5/8" casing from 533' to 560' through the Lower Kittanning Coal Seam (543' to 549'). Left 533' of 8 5/8" casing from surface to 533' and 429' from 560' to 989'. Due to extreme bond of 8 5/8" casing, no additional perforations or rips were required per Leer Mines 101C Petition. Casing depths were taken from previous well records.		4 1/2" Casing 8 5/8" Casing 11 3/4" Casing 16" Conductor	2208' Milled 27' 0 0	3144' 962' 85' 5'
Coal Seams		Description of Monument		
<u>Lower Kittanning</u>	<u>543' - 549'</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 cement plug at ground level.		

... and that the work of plugging and filling said well was completed on the 30th day of January, 2020

And further deponents saith not.

Ralph K. Harman

Ralph K. Harman

Matthew A. Yearsley

Matthew A. Yearsley

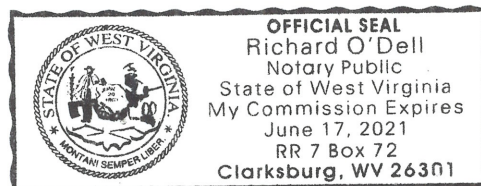
Sworn to and subscribed before me this 30th day of January, 2020

Richard O'Dell

Notary Public

My commission expires:

06/17/2021



Permit No. 47-091-00700

Well No. B-0691

Latitude: 39° 18' 18"N

Longitude: 79° 58' 16"W