

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: Reed, Larry L. & Linda D. Operator Well No.: B-690

LOCATION: Elevation: 1524 Quadrangle: Thornton 7.5
District: Knottsville County: Taylor
Latitude: _____ Feet South of 39 Deg. 18 Min. 28 Sec.
Longitude: _____ Feet West of 79 Deg. 58 Min. 00 Sec.

Well Type: OIL _____ GAS X

Company Coalquest Development, LLC Coal Operator 100 Tygart Drive
or Owner Grafton, WV 26354
Coal Operator _____
Agent David B. Berry or Owner _____
Permit Issued Date 11/27/18

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 8th day of December, 2018, and the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|----------------------------|-------|---------|--------------|-------|
| Expandable with Gas Block | 5017' | 1325' | | |
| Expandable | 1325' | 877' | | |
| Thixotropic with green dye | 977' | 347' | | |
| Expandable | 347' | Surface | | |
| 4 1/2" Casing | 5089' | 1325' | 1325' | 3764' |
| 8 5/8" Casing | 1034' | Surface | Milled 26' | 1008' |
| 16" Conductor | 5' | Surface | 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 17th day of December, 2018.

And further deponents saith not.

[Signature]
[Signature]



Sworn and subscribe before me this 17th day of December, 2018.

My commission expires: _____

[Signature]
Notary Public

Affidavit reviewed by the Office of Oil and Gas: [Signature]

Title: OIL & GAS INSPECTOR

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Office of Oil and Gas

DEC 18 2018

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

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Farm name: Reed, Larry L. & Linda D. Operator Well No.: B-690

LOCATION: Elevation: 1524
District: Knottville Quadrangle: Thornton 7.E
County: Taylor
Latitude: _____ Feet South of 39 Deg. 18 Min. 28 Sec.
Longitude: _____ Feet West of 79 Deg. 58 Min. 00 Sec.

Well Type: OIL _____ GAS X

Company Berry Energy, Inc
310 Stiles St.
Clarksburg, WV 26301

Coal Operator Coalquest Development, LLC
or Owner 100 Tygart Drive
Graton, WV 26354

Agent David B. Berry
Permit Issued Date 11/27/18

Coal Operator _____
or Owner _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

Kevin S. Wright 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 8th day of December, 2018, and the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|----------------------------|-------|---------|--------------|-------|
| Expandable with Gas Block | 5017' | 1325' | | |
| Expandable | 1325' | 977' | | |
| Thixotropic with green dye | 977' | 347' | | |
| Expandable | 347' | Surface | | |
| 4 1/2" Casing | 5089' | 1325' | 1325' | 3784' |
| 8 5/8" Casing | 1034' | Surface | Milled 26' | 1008' |
| 16" Conductor | 5' | Surface | 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 17th day of December, 2018.

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



RECEIVED
Office of Oil and Gas

Sworn and subscribe before me this 5th day of July, 2019

JUL 10 2019

My commission expires: 9-15-22
Carol A. Mayle
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Lennard L. Reynolds Title: OIL + GAS WV Department of Environmental Protection

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

LARRY L. OR LINDA D. REED
Lease or Property Owner
228 SANDY CREEK RD GRAFTON, WV 26354
Address

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

THORNTON 7.5
Well Location
KNOTTSVILLE
District

TAYLOR
County

B-690
Well No.

REED, LARRY L. & LINDA D.
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Conrad L. Shroyok

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 8th day of December, 2018 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 3 3/4" hole through 4 1/2" casing from surface to 5017'. Tagged solid plug at 5017'. Cemented bottom hole from 5017' to 1325' with 235 sacks of Expandable cement with gas blocker additive. Removed 1325' of 4 1/2" casing from surface to 1325'. Left 3771' of 4 1/2" casing from 1325' to 5089'. Cleaned 7 7/8" hole from surface to 1325'. Tagged solid plug at 1325'. Section milled 8 5/8" casing from 558' to 584' through the Lower Kittanning Coal Seam (568' to 573'). Left 558' of 8 5/8" casing from surface to 558' and 448' from 584' to 1034'. Due to extreme bond of 8 5/8" casing, no additional perforations or rips required per Leer Mines 101C Petition. | | 4 1/2" | 1325' | 3764' |
| | | 8 5/8" | Milled 26' | 1008' |
| | | 16" Conductor | 0' | 5' |
| Cemented hole from 1325' back to the surface as follows: | | | | |
| From 1325' to 977' with 90 sacks of Expandable cement. From 977' to 347' with 185 sacks of Thixotropic with green dye cement and from 347' to surface with 95 sacks of Expandable cement. Cement did circulate to surface. Left 5' of 16" conductor at the surface to 5'. | | | | |
| Coal Seams | | Description of Monument | | |
| Lower Kittanning | (568' - 573') | 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 17th day of December, 2018

And further deponents saith not.

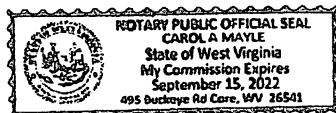
Ralph K. Harman
Ralph K. Harman

Matthew A. Yearsley
Matthew A. Yearsley

Sworn to and subscribed before me this 19th day of Dec 2018

Carol A. Mayle
Notary Public

My commission expires:



Permit No. 47-091-00699
Well No. B-690
Latitude: 39° 18' 28"N
Longitude: 79° 58' 00"W

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Office of Oil and Gas

JUL 10 2019

WV Department of
Environmental Protection

Plugging Report for MSHA

Well Number: B-690 Mine: Berry Energy

Permit Number: 47-091-00699

Date Clean Out Started: 12/8/2018

Date Well Bore Plugged: 12/17/2018

Low Kittanning Coal Seam: 568 ft. To 573 ft.

| From | To | Type of Cement |
|-------|---------|------------------------------------|
| 5017' | 1325' | Expandable Cement with Gas Blocker |
| 1325' | 977' | Expandable Cement |
| 977' | 347' | Thixotropic with Green Dye |
| 347' | Surface | Expandable Cement |

Thix Top: 347'

Casing Remaining in Well Bore

| | Top | Bottom | Left | Pulled |
|----------------|---------|--------|-------|------------|
| Sucker Rods | | | | |
| 2 3/8" tubing | | | | |
| 4 1/2" casing | 1325' | 5089' | 3764' | 1325' |
| 7" casing | | | | |
| 7" fiberglass | | | | |
| 8 5/8" casing | Surface | 1034' | 1008' | Milled 26' |
| 10 3/4" casing | | | | |
| 16" Conductor | Surface | 5' | 5' | 0' |

Lower Kittanning: 573'-568'

Surface
 Top of 16" Conductor Casing at Surface
 Top of 8 5/8" Casing: Surface
 Bottom of 16" Conductor Casing at 5'

Expandable Cement

Thixotropic Cement

Section Milled 8 5/8" Casing from 558' to 584'

with Green Dye

Thix Bottom: 977'

Bottom of 8 5/8" Casing: 1,034'

Expandable Cement

Top of 4 1/2" Casing: 1,325'

Expandable Cement with Gas Blocker

Total Depth: 5,017'

Bottom of 4 1/2" Casing: 5,089'

Cement:

| | | |
|------------------|------|-------|
| Expandable | 420 | sacks |
| Thixotropic | 185 | sacks |
| Econofill | | sacks |
| Mud Flush | 1000 | gal |
| Other | | |
| Est. Top Thix | 347 | 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) | 1524 |
| Bottom of Coal Structure (Map) | 956 |
| Difference | 568 |

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DEC 18 2018

WV Department of
Environmental Protection

FORM WR-38
(Affidavit of Plugging)

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS WELLS DIVISION

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Complete Address

THORNTON 7.5
Well Location
KNOTTSVILLE
District
TAYLOR
County
B-690
Well No.

REED, LARRY L. & LINDA D.
Farm

STATE INSPECTOR SUPERVISING PLUGGING [Signature]

AFFIDAVIT

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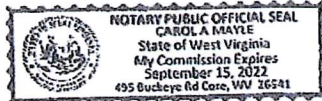
And further deponents saith not.

[Signature]
Ralph K. Harman
[Signature]
Matthew A. Yearsley

Sworn to and subscribed before me this 17th day of Dec 2018

[Signature]
Notary Public

My commission expires:



Permit No. 47-091-00699
Well No. B-690
Latitude: 39° 48' 28" N
Longitude: 79° 58' 00" W

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