

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPPLICATE, 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: Ester Cole Operator Well No.: BAR-575

LOCATION: Elevation: 1340' Quadrangle: Phillippi
District: Pleasant County: Barbour
Latitude: _____ Feet South of 39 Deg. 13 Min. 57 Sec.
Longitude: _____ Feet West of 80 Deg. 05 Min. 57 Sec.

Well Type: OIL _____ GAS X

Company CoalQuest Development Coal Operator 100 Tygart Drive Grafton, WV 26354
or Owner _____
Agent Charles E. Duckworth Coal Operator _____
or Owner _____
Permit Issued Date 07/30/2019

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 12th day of December, 2019, and the well was plugged and filled in the following manner:

| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|--------------------------|---------|---------|--------------|-------|
| Expandable Cement | 4445' | 1294' | | |
| Thixotropic w/ Green Dye | 1294' | 602' | | |
| Expandable Cement | 602' | Surface | | |
| 4 1/2" Casing | 2097' | 4509' | 2097' | 2412' |
| 8 5/8" Casing | Surface | 1108' | Milled 24' | 1084' |
| 13" Casing | Surface | 21' | 0 | 21' |
| 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 3rd day of January, 2020.

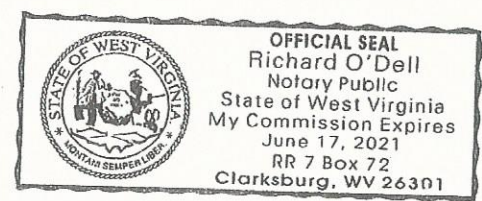
And further deponents saith not. [Signature]

[Signature]

Sworn and subscribe before me this 13th day of January, 2020

My commission expires: 06/17/2021

[Signature]
Notary Public



Affidavit reviewed by the Office of Oil and Gas [Signature] Title: OIL & GAS INSPECTOR

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATES, 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
DANIEL J. ESSIG
Lease or Property Owner
2762 UPPER CREEK ROAD PHILLIPPI, WV 26416
Address

WOLF RUN MINING LLC
Name of Well Operator
100 TYGART DRIVE GRAFTON, WV 26354
Complete Address
PHILIPPI (545)
Well Location
PLEASANT
District
BARBOUR
County
BAR - 575
Well No.
ESTHER COLE
Farm

STATE INSPECTOR SUPERVISING PLUGGING

Ernest 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 12th day of December, 2019 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 4445'. Tagged solid plug at 4445'. Cemented bottom hole with 140 sacks of Expandable Cement with gas blocker additive from 4445' to 2097'. Removed 2097' of 4 1/2" casing from surface to 2097'. Left 2412' of 4 1/2" casing from 2097' to 4509'. Cleaned a 7 7/8" hole from surface to 2097'. Tagged cement plug at 2097'. Set intermediate plug from 2097' to 1294' with 225 sacks of Expandable Cement. Section milled 8 5/8" from 802' to 826' through the Lower Kittanning Coal Seam (812' - 816'). Left 802' of 8 5/8" casing from surface to 802' and 520' from 826' to 1108'. 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 | 2097' | 2412' | |
| | | | 8 5/8" Casing | Milled 24' | 1084' |
| | | | 13" Casing | 0 | 21' |
| | | | 16" Conductor | 0 | 5' |
| Cemented hole from 1294' to surface as follows: From 1294' to 602' with 200 sacks of Thixotropic Cement with Green Dye. From 602' to surface with 160 sacks of Expandable Cement. Cement did circulate at surface. Left 5' of 16" conductor pipe in well at surface. | | | | | |
| <u>Coal Seams</u> | | <u>Description of Monument</u> | | | |
| <u>Kittanning Coal Seam</u> | 812' - 816' | 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 3rd day of January, 2020

And further deponents saith not.

Ralph K. Harman
Ralph K. Harman

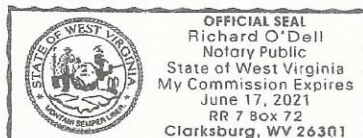
Matthew A. Yearsley
Matthew A. Yearsley

Sworn to and subscribed before me this 13th day of January, 2020

Richard O'Dell
Notary Public

My commission expires:

06/17/2021



Permit No. 47-001-00575
Well No. BAR-575
Latitude: 39° 13' 57" N
Longitude: 80° 05' 57" W