

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: Swisher, Russell/Marjorie Operator Well No.: Swisher D-40 (0639)

LOCATION: Elevation: 1490 Quadrangle: Thorton (638)
District: Knottsville County: Taylor
Latitude: 39.305 Feet South of 39 Deg. 18 Min. 18 Sec.
Longitude: -79.958 Feet West of -79 Deg. 57 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company Diversified Resources, Inc. Coal Operator CoalQuest Development, LLC
P.O Box 6070 or Owner 100 Tygart Drive
Charleston, WV 25362 Grafton, WV 26354
Coal Operator _____
Agent Jeff Mast or Owner _____
Permit Issued Date 08/26/2020

AFFIDAVIT

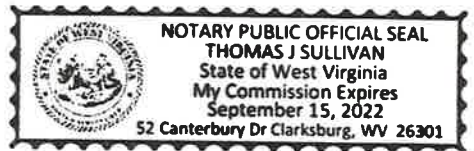
STATE OF WEST VIRGINIA,
County of Monongalia ss:

Matthew A. Yearsley 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 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 September, 2020, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Expandable Cement w/ Gas Blocker	5044'	2200'		
Expandable Cement	2200'	846'		
Thixotropic w/ Green Dye	846'	240'		
Expandable Cement	240'	Surface		
4 1/2" Casing	2200'	5102'	2200'	2902'
8 5/8" Casing	Surface	1151'	Milled 25'	1126'
16" Conductor Casing	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 25th day of September, 2020.

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



Sworn and subscribe before me this 28th day of SEP, 2020

My commission expires: 09/15/22
[Signature]
Notary Public

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

CIASD

Plugging Report for MSHA

Well Number: Swisher D-40 (0639)

Mine: Arch Coal - Leer Mine

Permit Number: 47-091-00639

Date Clean Out Started: 9/8/2020

Date Well Bore Plugged: 9/25/2020

Lower Kittanning Coal Seam: 440 ft. To 445 ft.

Plugs:

From	To	Type of Cement
5044'	2200'	190 sks of Expandable Cement w/ Gas Blocker
2200'	846'	320 sks of Expandable Cement
846'	240'	180 sks of Thixotropic Cement w/ Green Dye
240'	Surface	50 sks of Expandable Cement

Casing Remaining in Well Bore

Thix Top: 240'

	Top	Bottom	Left	Pulled
Sucker Rods				
2 3/8" tubing				
4 1/2" casing	2200'	5102'	2902'	2200'
7" casing				
7" fiberglass				
8 5/8" casing	Surface	1151'	1126'	Milled 25'
11 3/4" casing				
16" Conductor	Surface	5'	5'	0

Lower Kittanning Coal

440' - 445'

Milled 25'
(430' - 455')

Cement:

Expandable	<u>560</u>	sacks
Thixotropic	<u>180</u>	sacks
Econofill		sacks
Mud Flush	<u>1000</u>	gal
Other		
Est. Top Thix		ft
Did Cement Circ.	<u>Yes</u>	

Comments:

Caving: Extreme Moderate **Normal**

Lost Circulation: **Extreme** Moderate Normal

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

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

Thix Bottom: 846'

Bottom of 8 5/8" Casing at 1151'

Top of 4 1/2" Casing at 2200'

Surface Elevation (Surveyed)	<u>1490'</u>
Bottom of Coal Structure (Map)	<u>1045'</u>
Difference	<u>445'</u>

Total Depth: 5044'

Note: All depths shown were measured from 10' above the surface.

Bottom of 4 1/2" Casing at 5102'

Surface

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

Expandable Cement

Thixotropic Cement w/ Green Dye

Thixotropic Cement w/ Green Dye

Expandable Cement

Expandable Cement w/ Gas Blocker

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
JOSHUA SWISHER
Lease or Property Owner
254 STEMPLE FARM RD. GRAFTON, WV 26354
Address

DIVERSIFIED RESOURCES, INC.
Name of Well Operator
P.O. BOX 6070 CHARLESTON, WV 25362
Complete Address
THORNTON (638)
Well Location
KNOTTSVILLE
District
TAYLOR
County
SWISHER D-40
Well No.
SWISHER, RUSSELL/MARJORIE
Farm

STATE INSPECTOR SUPERVISING PLUGGING

[Signature]

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of MONONGALIA ss:

MATTHEW A. YEARSLEY 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 Diversified Resources, Inc. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 8th day of September, 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 the surface to 5044'. Tagged solid plug at 5044'. Cemented bottom hole with 190 sacks of Expandable Cement with a gas blocker additive from 5044' to 2200'. Removed 2200' of 4 1/2" casing from surface to 2200'. Left 2902' of 4 1/2" casing in the hole from 2200' to 5102'. Cleaned a 7 7/8" hole from the surface to 2200'. Tagged bottom hole cement plug at 2200'. Set intermediate cement plug from 2200' to 846' with 320 sacks of Expandable Cement. Section milled window in 8 5/8" casing through the Lower Kittanning Coal Seam (440' - 445') from 430' to 455'. Left 1126' of 8 5/8" casing in the hole from the surface to 430' and from 455' to 1151' due to extreme cement bond on the 8 5/8" casing. No additional perforations or rips were required per the Leer Mine 101C Petition. Left 5' of 16" conductor pipe in the hole from 5' to surface. All casing depths were taken from previous well records. All electronic logs and depths were measured from 10' above the surface. Cemented hole from 846' to surface as follows: From 846' to 240' with 180 sacks of Thixotropic Cement with Green Dye. From 240' to surface with 50 sacks of Expandable Cement. Cement did circulate at surface. A total of 740 sacks of cement were used to cement the well to surface.	4 1/2" Casing	2200'	2902'	
	8 5/8" Casing	Milled 25'	1126'	
	16" Conductor	0'	5'	
Coal Seams	Description of Monument			
<u>Kittanning Coal Seam</u> 440' - 445'	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 25th day of September, 2020

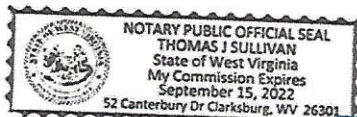
And further deponents saith not.

Matthew A. Yearsley

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Kevin S. Wright

Kevin S. Wright



Sworn to and subscribed before me this 28th day of Sep, 2020

[Signature]
Notary Public

My commission expires: 09/15/22

Permit No. 47-091-00639
Well No. Swisher D-40
Latitude: 39° 18' 18" N
Longitude: -79° 57' 30" W

0162