

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: Connelly, C.F. Operator Well No.: 4502

LOCATION: Elevation: 1213.0 Quadrangle: Cameron, WV
District: Liberty County: Marshall
Latitude: 13014 Feet South of 39 Deg. 45 Min. 21.38 Sec.
Longitude: 1280 Feet West of 80 Deg. 35 Min. 16.39 Sec.

Well Type: OIL _____ GAS X (storage)

Company Columbia Gas Transmission Coal Operator Consolidated Coal
1700 MacCorkle Ave. SE or Owner 1000 Consol Energy Drive
Charleston, WV 25325 Canonsburg, PA 15317
Agent Brad Nelson Coal Operator _____
Permit Issued Date 9/5/2018 or Owner _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Marshall ss:

Brad Nelson and Bo Hampson 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 18th day of October, 2018, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	Surface	260'	None	4-1/2", 7", 10-3/4"
Cement	260'	502'	None	4-1/2", 7", 10-3/4"
6% Bentonite Gel	502'	521'	None	4-1/2", 7", 10-3/4"
Cement	521'	955'	None	4-1/2", 7", 10-3/4"
Retainer	955'	958'	None	4-1/2", 7", 10-3/4"
Cement	958'	989'	None	4-1/2", 7", 10-3/4"
Cement	989'	<u>1268'</u>	None	4-1/2", 7", 10-3/4"

See Additional Plugging Data

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Description of monument: 8" steel casing with API number, 3 ft. above ground level and that the work of plugging and filling said well was completed on the 16th day of November, 2018.

And further deponents saith not. Brad Nelson
Bo Hampson

Sworn and subscribe before me this 10th day of December, 2018

My commission expires: 6/20/2019

Patrice F. Slusser
Notary Public

WV Department of Environmental Protection
COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Patrice F. Slusser, Notary Public
North Union Twp., Fayette County
My Commission Expires June 20, 2019

Affidavit reviewed by the Office of Oil and Gas: Jim Unshoven Title: Oil & Gas Inspector

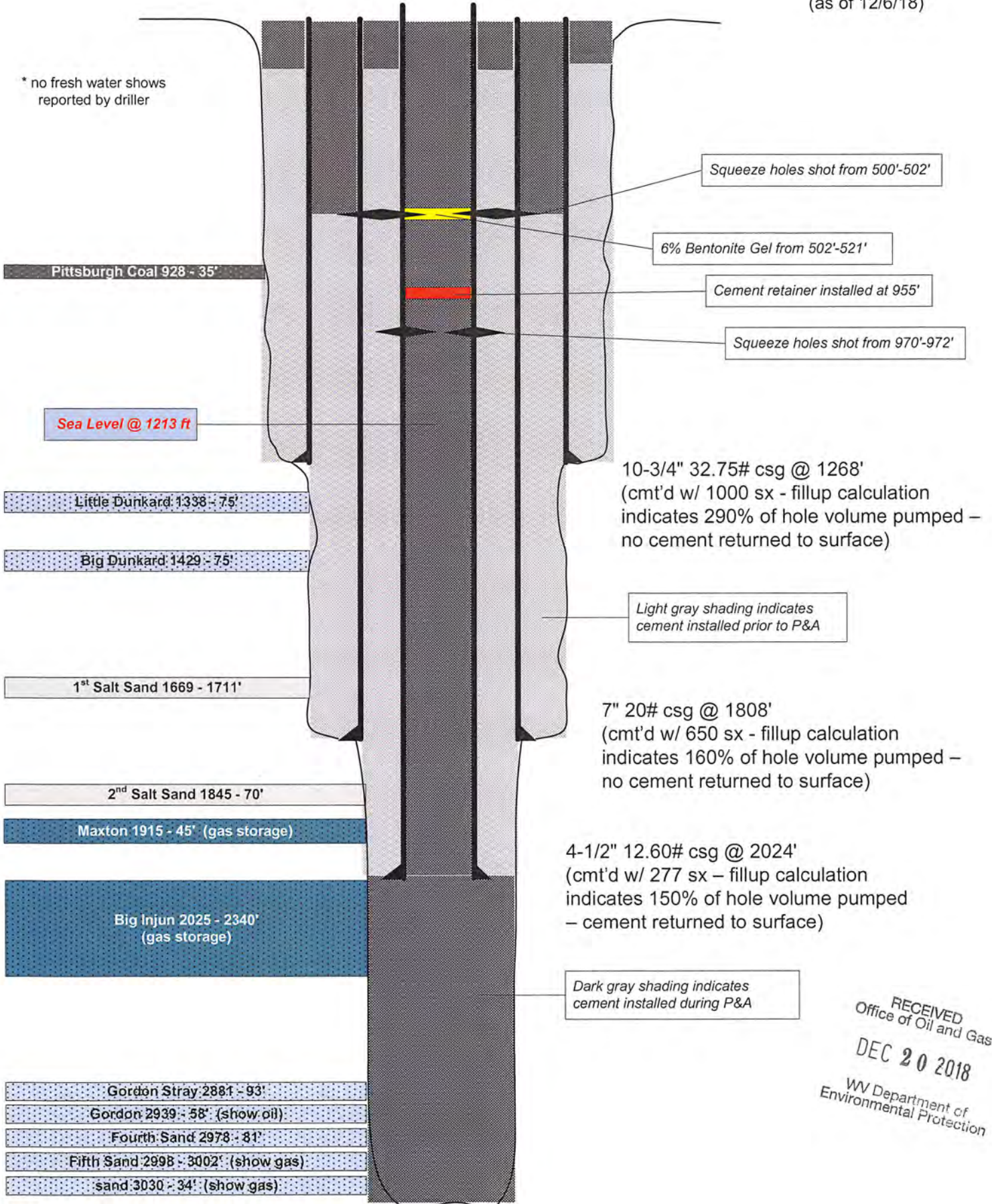
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VICTORY B 4502

12/21/2018

Post P&A

(as of 12/6/18)



TD 3052'

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Environmental Protection

~ not to scale ~

VICTORY B 4508

12/21/2018

Prior to P&A

(as of 6/7/18)

* no fresh water shows reported by driller

Cement top unknown - no CBL ran to-date

Cement top unknown - no CBL ran to-date

Cement top unknown - no CBL ran to-date

Pittsburgh Coal 928 - 35'

Sea Level @ 1213 ft

Little Dunkard 1338 - 75'

Big Dunkard 1429 - 75'

1st Salt Sand 1669 - 1711'

2nd Salt Sand 1845 - 70'

Maxton 1915 - 45' (gas storage)

Big Injun 2025 - 2340' (gas storage)

10-3/4" 32.75# csg @ 1268'
(cmt'd w/ 1000 sx - fillup calculation indicates 290% of hole volume pumped - no cement returned to surface)

7" 20# csg @ 1808'
(cmt'd w/ 650 sx - fillup calculation indicates 160% of hole volume pumped - no cement returned to surface)

4-1/2" 12.60# csg @ 2024'
(cmt'd w/ 277 sx - fillup calculation indicates 150% of hole volume pumped - cement returned to surface)

Cement plug 2320 - 2420'

Gordon Stray 2881 - 93'

Gordon 2939 - 58' (show oil)

Fourth Sand 2978 - 81'

Fifth Sand 2998 - 3002' (show gas)

sand 3030 - 34' (show gas)

TD 3052'

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12/21/2018



1700 MacCorkle Ave SE
P.O. Box 1273
Charleston, WV 25325

December 19, 2018

WV DEP – Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Enclosed are completed WR-38 Affidavit of Plugging and Filling Well and WR-34 Discharge Monitoring Reports for the following permitted wells.

Victory B well 4502 API 051-00320 Plugging

If you have questions, feel free to call.

Regards,

A handwritten signature in blue ink that reads "Brad Nelson".

Brad Nelson
Storage Engineer
Columbia Gas Transmission, LLC
brad_nelson@transcanada.com
off: 724-223-2753
cell: 724-250-0610

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