

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: ELIZABETH SMITH, ET AL Operator Well No.: Terra Alta 7398

LOCATION: Elevation: 2066.4' Quadrangle: Terra Alta, WV
District: Portland County: Preston
Latitude: 15157 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude: 9965 Feet West of 79 Deg. 32 Min. 30 Sec.

RECEIVED
Office of Oil and Gas
JUL 25 2022

Well Type: OIL _____ GAS X

Company Columbia Gas Transmission, LLC Coal Operator Not operated
1700 MacCorkle Avenue S.E. or Owner _____
Charleston, WV 25314 _____
Agent Maria Medvedeva Coal Operator _____
Permit Issued Date 04.22.2022 or Owner _____

WV Department of
Environmental Protection

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

Maria Medvedeva and Steven Simmons 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 3rd day of June, 2022, and the well was plugged and filled in the following manner:

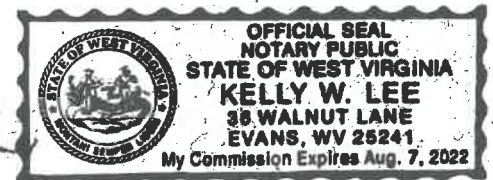
TYPE	FROM	TO	PIPE REMOVED	LEFT
Original Plugback Material	5788	5503	N/A	opehole
15.6 ppg Class A Cement	5503	4914	N/A	openhole
15.6 ppg Class A Cement	4914	4375	N/A	7"
Cast Iron Bridge Plug	4375	4375	N/A	7"
15.6 ppg Class A Cement	4375	4308	N/A	7"
Cement Retainer	4308	4308	N/A	7"
15.6 ppg Class A Cement	4308	1326	N/A	7"

See additional plugging data.

Description of monument: 7" casing, 4' above ground level, API number affixed and that the work of plugging and filling said well was completed on the 24th day of June, 2022.

And further deponents saith not. Steve Simmons

Sworn and subscribe before me this 5th day of July, 2022



My commission expires: Aug 7, 2022 Kelly W. Lee
Notary Public

Affidavit reviewed by the Office of Oil and Gas: Mary J. Knudsen Title: Inspector
7/12/2022

Terra Alta 7398 Additional Plugging Data (API 47-077-00030)

TYPE	FROM	TO	PIPE REMOVED	LEFT
15.6 ppg Class A Cement	1326	368	N/A	7", 8-5/8"
15.6 ppg Class A Cement	368	30	N/A	7", 8-5/8", 10-3/4"
15.6 ppg Class A Cement	30	0	N/A	7", 8-5/8", 10-3/4", 13-3/8" *
* Note - topped off all annuluses with cement from surface				
Refer to attached wellbore diagram for additional wellbore details				

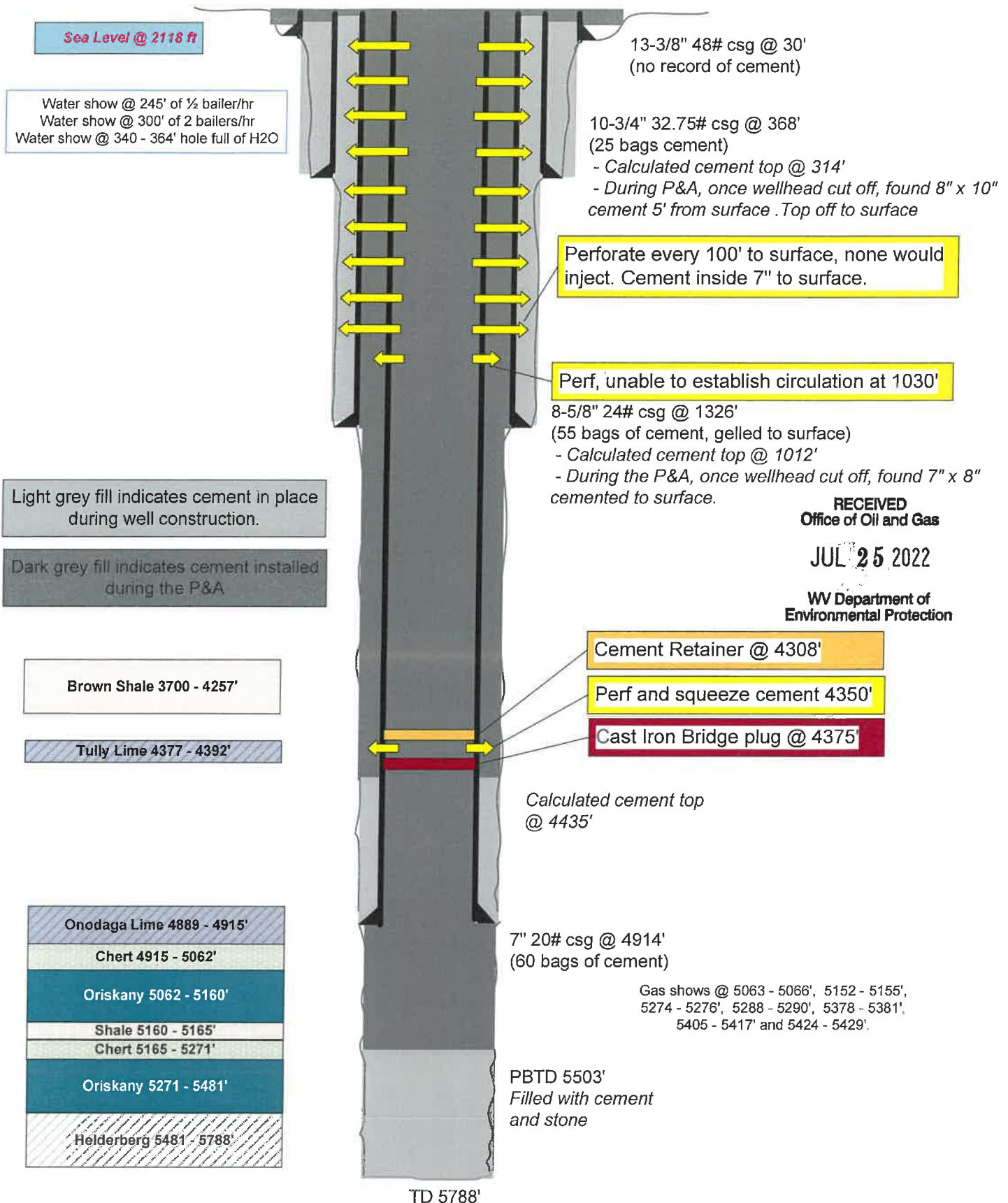
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~ not to scale ~

TERRA ALTA 7398

Post P&A

(as of 06/24/2022)



~ not to scale ~

TERRA ALTA 7398

Prior to P&A

(as of 01/12/2022)

Sea Level @ 2118 ft

Water show @ 245' of 1/2 bailer/hr
Water show @ 300' of 2 bailers/hr
Water show @ 340 - 364' hole full of H2O

13-3/8" 48# csg @ 30'
(no record of cement)

Calculated cement top
@ 314'

10-3/4" 32.75# csg @ 368'
(25 bags cement)

Gelled to surface

Calculated cement top
@ 1012'

8-5/8" 24# csg @ 1326'
(55 bags of cement, gelled to surface)

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NY Department of
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Brown Shale 3700 - 4257'

Tully Lime 4377 - 4392'

Onodaga Lime 4889 - 4915'

Chert 4915 - 5062'

Oriskany 5062 - 5160'

Shale 5160 - 5165'

Chert 5165 - 5271'

Oriskany 5271 - 5481'

Helderberg 5481 - 5788'

Calculated cement top
@ 4435'

7" 20# csg @ 4914'
(60 bags of cement)

Gas shows @ 5063 - 5066', 5152 - 5155',
5274 - 5276', 5288 - 5290', 5378 - 5381',
5405 - 5417' and 5424 - 5429'.

PBTD 5508'
Filled with cement
and stone

TD 5788'

Columbia Gas Transmission, LLC

1700 MacCorkle Ave., SE, Charleston, WV, USA 25314



July 25th, 2022

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

Enclosed are post well plugging and abandonment permit applications for the following Columbia Gas Transmission storage well:

Terra Alta 7398 (API 077-00030)

If you have questions, feel free to call.

Regards,

A handwritten signature in black ink, appearing to read "M. Medvedeva", written over a light blue horizontal line.

Maria Medvedeva
Senior Wells Engineer
Well Engineering & Technology
Columbia Gas Transmission, LLC
Mob: 304-410-4313
maria_medvedeva@tcenergy.com

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