

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: Grace J. Matheny Operator Well No.: Coco B 7075

LOCATION: Elevation: 895 Quadrangle: Blue Creek, WV
District: Elk County: Kanawha
Latitude: 5601 Feet South of 38 Deg. 25 Min. 00 Sec.
Longitude: 4955 Feet West of 81 Deg. 27 Min. 30 Sec.

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 3.22.2021 or Owner _____

AFFIDAVIT

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Office of Oil and Gas

JUL 15 2022

STATE OF WEST VIRGINIA,
County of Kanawha ss:

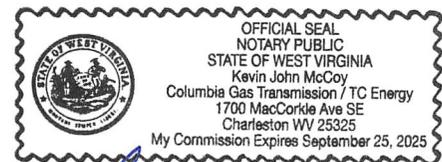
Maria Medvedeva and Nathan Salyers being first duly sworn according to law and do hereby depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well say that said work was commenced on the 4th day of May, 2022, and the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
15.6 ppg Class A Cement	5277 (TD)	5245	N/A	openhole
15.6 ppg Class A Cement	5245	5166	N/A	2-3/8" workstring cemented in hole
15.6 ppg Class A Cement	5166	5094	N/A	2-3/8", 4-1/2"
15.6 ppg Class A Cement	5094	4524	N/A	2-3/8", 4-1/2", 7"
TFW	4524	4379	N/A	2-3/8", 4-1/2", 7"
15.6 ppg Class A Cement	4379	4260	N/A	4-1/2", 7"
Cast Iron Bridge Plug	4260	4260	N/A	4-1/2", 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 20th day of June, 2022.

And further deponents saith not. Nathan Salyers



Sworn and subscribe before me this 30th day of June, 2022

My commission expires: 9-25-2025

Notary Public

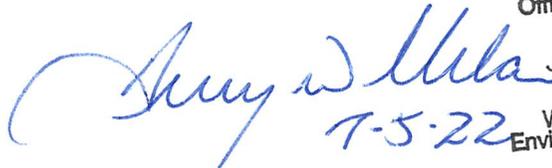
Affidavit reviewed by the Office of Oil and Gas: [Signature]

Title: Inspector Oil & Gas

[Signature]
Inspector Oil & Gas



TYPE	FROM	TO	PIPE REMOVED	LEFT
15.6 ppg Class A Cement	4260	4225	N/A	4-1/2", 7"
15.6 ppg Class A Cement	4225	3914	4-1/2"	7"
Cement Retainer	3914	3914	4-1/2"	7"
15.6 ppg Class A Cement	3914	3840	4-1/2"	7"
Cement Retainer	3840	3840	4-1/2"	7"
15.6 ppg Class A Cement	3840	3795	4-1/2"	7"
Cement Retainer	3795	3795	4-1/2"	7"
15.6 ppg Class A Cement	3795	3730	4-1/2"	7"
Cement Retainer	3730	3730	4-1/2"	7"
15.6 ppg Class A Cement	3730	3670	4-1/2"	7"
Cement Retainer	3670	3670	4-1/2"	7"
15.6 ppg Class A Cement	3670	3580	4-1/2"	7"
Cement Retainer	3580	3580	4-1/2"	7"
15.6 ppg Class A Cement	3580	3556	4-1/2"	7"
Cement Retainer	3556	3556	4-1/2"	7"
TFW	3556	3540	4-1/2"	7"
Cement Retainer	3540	3540	4-1/2"	7"
15.6 ppg Class A Cement	3540	3300	4-1/2"	7"
Cement Retainer	3300	3300	4-1/2"	7"
15.6 ppg Class A Cement	3300	2960	4-1/2"	7"
Cement Retainer	2960	2960	4-1/2"	7"
15.6 ppg Class A Cement	2960	2065	4-1/2"	7"
15.6 ppg Class A Cement	2065	2005	4-1/2"	7", 8-5/8"
Cement Retainer	2005	2005	4-1/2"	7", 8-5/8"
15.6 ppg Class A Cement	2005	1610	4-1/2"	7", 8-5/8"
15.6 ppg Class A Cement	1610	1470	4-1/2"	7", 8-5/8", 10-3/4"
Cement Retainer	1470	1470	4-1/2"	7", 8-5/8", 10-3/4"
15.6 ppg Class A Cement	1470	1211	4-1/2"	7", 8-5/8", 10-3/4"
Cement Retainer	1211	1211	4-1/2"	7", 8-5/8", 10-3/4"
15.6 ppg Class A Cement	1211	933	4-1/2"	7", 8-5/8", 10-3/4"
Cement Retainer	933	933	4-1/2"	7", 8-5/8", 10-3/4"
15.6 ppg Class A Cement	933	398	4-1/2"	7", 8-5/8", 10-3/4"
15.6 ppg Class A Cement	398	16	4-1/2"	7", 8-5/8", 10-3/4", 13-3/8"
15.6 ppg Class A Cement	16	0	4-1/2"	7", 8-5/8", 10-3/4", 13-3/8", 16" *
* Note - topped off all annuluses with cement from surface				
** Note – refer to attached wellbore diagram for additional wellbore details				

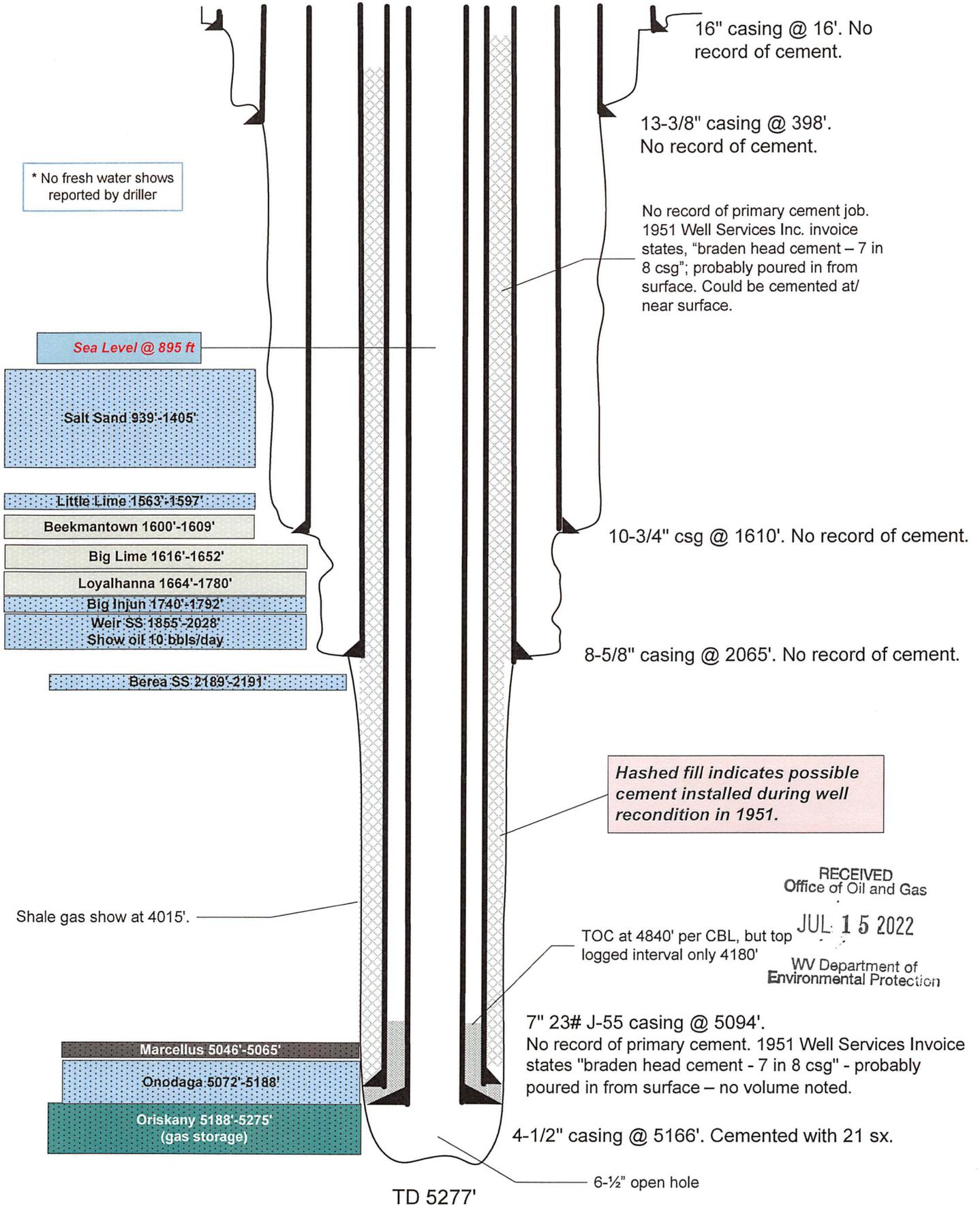
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 Environmental Protection

~ not to scale ~

COCO B 7075

Prior to P&A
(as of 10/14/2020)

* No fresh water shows reported by driller



Sea Level @ 895 ft

Salt Sand 939'-1405'

Little Lime 1563'-1597'

Beekmantown 1600'-1609'

Big Lime 1616'-1652'

Loyalhanna 1664'-1780'

Big Injun 1740'-1792'

Weir SS 1855'-2028'

Show oil 10 bbls/day

Berea SS 2189'-2191'

Marcellus 5046'-5065'

Onodaga 5072'-5188'

Oriskany 5188'-5275'
(gas storage)

16" casing @ 16'. No record of cement.

13-3/8" casing @ 398'. No record of cement.

No record of primary cement job. 1951 Well Services Inc. invoice states, "braden head cement - 7 in 8 csg"; probably poured in from surface. Could be cemented at/near surface.

10-3/4" csg @ 1610'. No record of cement.

8-5/8" casing @ 2065'. No record of cement.

Hashed fill indicates possible cement installed during well recondition in 1951.

Shale gas show at 4015'.

TOC at 4840' per CBL, but top logged interval only 4180'

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7" 23# J-55 casing @ 5094'.

No record of primary cement. 1951 Well Services Invoice states "braden head cement - 7 in 8 csg" - probably poured in from surface - no volume noted.

4-1/2" casing @ 5166'. Cemented with 21 sx.

6-1/2" open hole

TD 5277'

~ not to scale ~

COCO B 7075

Post P&A

(as of 06/20/2022)

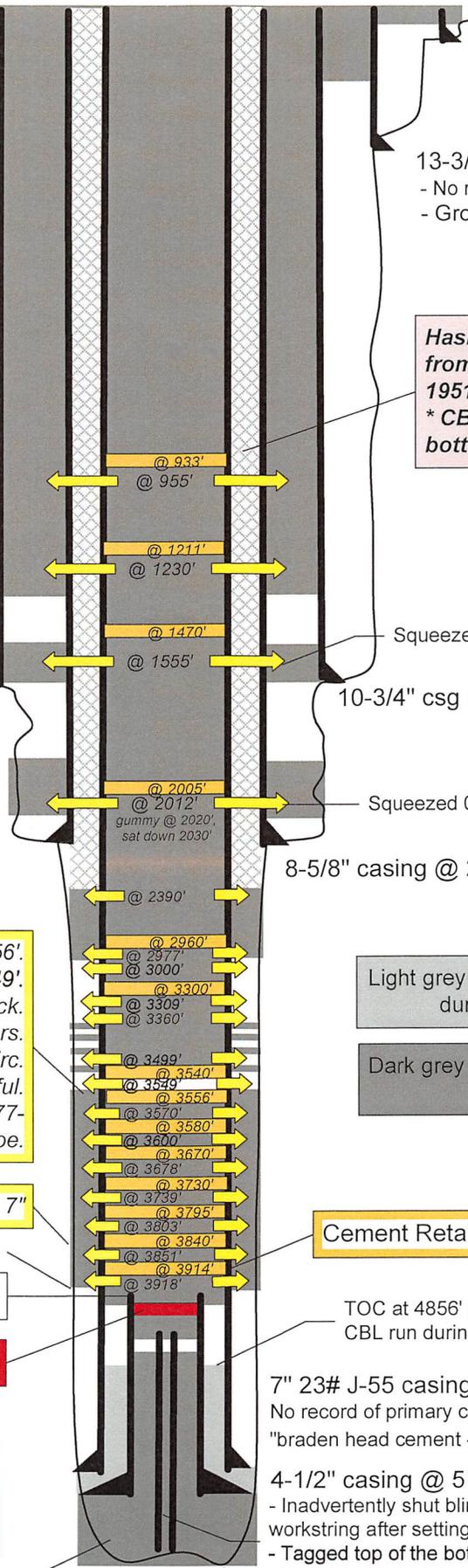
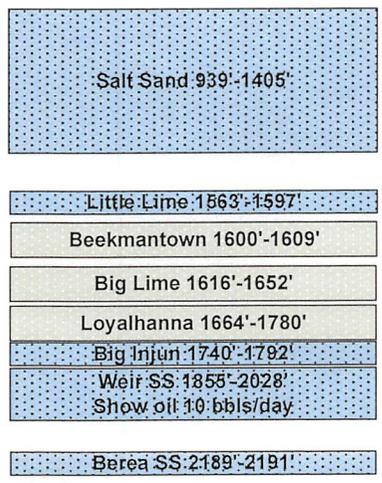
Sea Level @ 895 ft

* No fresh water shows reported by driller

16" casing @ 16'. No record of cement.

13-3/8" casing set @ 398'.
- No record of cement
- Grouted 30' of 10" x 13" from surface

Hashed fill indicates cement installed from surface during well recondition in 1951.
* CBL ran on 05.18.2022 confirms 2350' bottom depth.



Squeezed 1.5 bbls before pressured out

10-3/4" csg @ 1610'. No record of cement.

Squeezed 0.75 bbls before pressured out

8-5/8" casing @ 2065'. No record of cement.

Light grey fill indicates cement in place during well construction.

Dark grey fill indicates cement installed during the P&A

6/3/22 CBL show no apparent cmt at 3556'. Attempt squeeze through perf's at 3549'. Cement went to top perf at 3360' but fallback. Unable to inject at 3499' due to cmt stringers. Set plug in 7" to 3342'. Attempt to est. circ. @3309' to 3300' perfs not successful. Cement to 3025' in 7" csg. Shoot bttm 2977-3000' and top 2390' perf, plugout to 8" shoe.

Perf and squeeze cement behind 7"

Shale gas show at 4015'.

Top of 4-1/2" csg stub at 4225'

Bridge plug at 4260



6-1/2" open hole

TD 5277'

Cement Retainer

TOC at 4856' per Baker Atlas
CBL run during P&A 05.09.2022

7" 23# J-55 casing @ 5094'.
No record of primary cement. 1951 Well Services Invoice states "braden head cement - 7" in 8" csg - no volume noted.

4-1/2" casing @ 5166'. Cemented with 21 sx.
- Inadvertently shut blind/shear rams and severed 2-3/8" workstring after setting bottom cement plug.
- Tagged top of the bottom plug in the 4-1/2" csg at 4524'.
- Workstring free from 4379'. Pipe left in hole 5245' - 4379'.

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