



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: Chloe Copenhaver Et Ux Operator Well No.: Coco C 7330

LOCATION: Elevation: 736.6 Quadrangle: Blue Creek, WV
District: Elk County: Kanawha
Latitude: 5711 Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude: 9699 Feet West of 81 Deg. 27 Min. 30 Sec.

Well Type: OIL _____ GAS X

RECEIVED
Office of Oil & Gas
OCT 24 2022

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 7.18.2022 or Owner _____

WV Department of
Environmental Protection

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Kanawha ss:

Maria Medvedeva and Nathan Salyers 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 6 day of September, 2022, and the well was plugged and filled in the following manner:

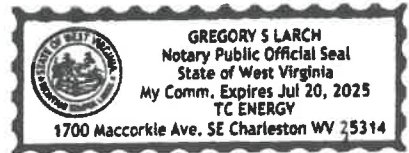
TYPE	FROM	TO	PIPE REMOVED	LEFT
15.6 ppg Class A Cement	5150	5132	N/A	openhole
15.6 ppg Class A Cement	5132	5052	N/A	5-1/2"
15.6 ppg Class A Cement	5052	4910	N/A	5-1/2", 7"
Cast Iron Bridge Plug	4910	4910	N/A	5-1/2", 7"
15.6 ppg Class A Cement	4910	4880	N/A	5-1/2", 7"
Cement Retainer	4880	4880	N/A	5-1/2", 7"
15.6 ppg Class A Cement	4880	2930	N/A	5-1/2", 7"

See additional plugging data.

Description of monument: 7" casing, 6' above ground level, API number affixed and that the work of plugging and filling said well was completed on the 6th day of October, 2022.

And further deponents saith not. Nathan Salyers 10/7/22

Sworn and subscribe before me this 10 day of Oct., 2022



My commission expires: July 20 2025
Notary Public

Affidavit reviewed by the Office of Oil and Gas: August 10 2022 Title: Inspector

10/28/2022

Coco C 7330 Additional Plugging Data (API 47-039-01496)

TYPE	FROM	TO	PIPE REMOVED	LEFT
15.6 ppg Class A Cement	2930	1530	5-1/2"	7"
15.6 ppg Class A Cement	1530	384	5-1/2"	7", 8-5/8"
15.6 ppg Class A Cement	384	0	5-1/2"	7", 8-5/8", 10-3/4" *
* Note - topped off all annuluses with cement to surface				
** Note - refer to attached wellbore diagram for additional wellbore details				

Arny White
10-18-22



ORIGIN

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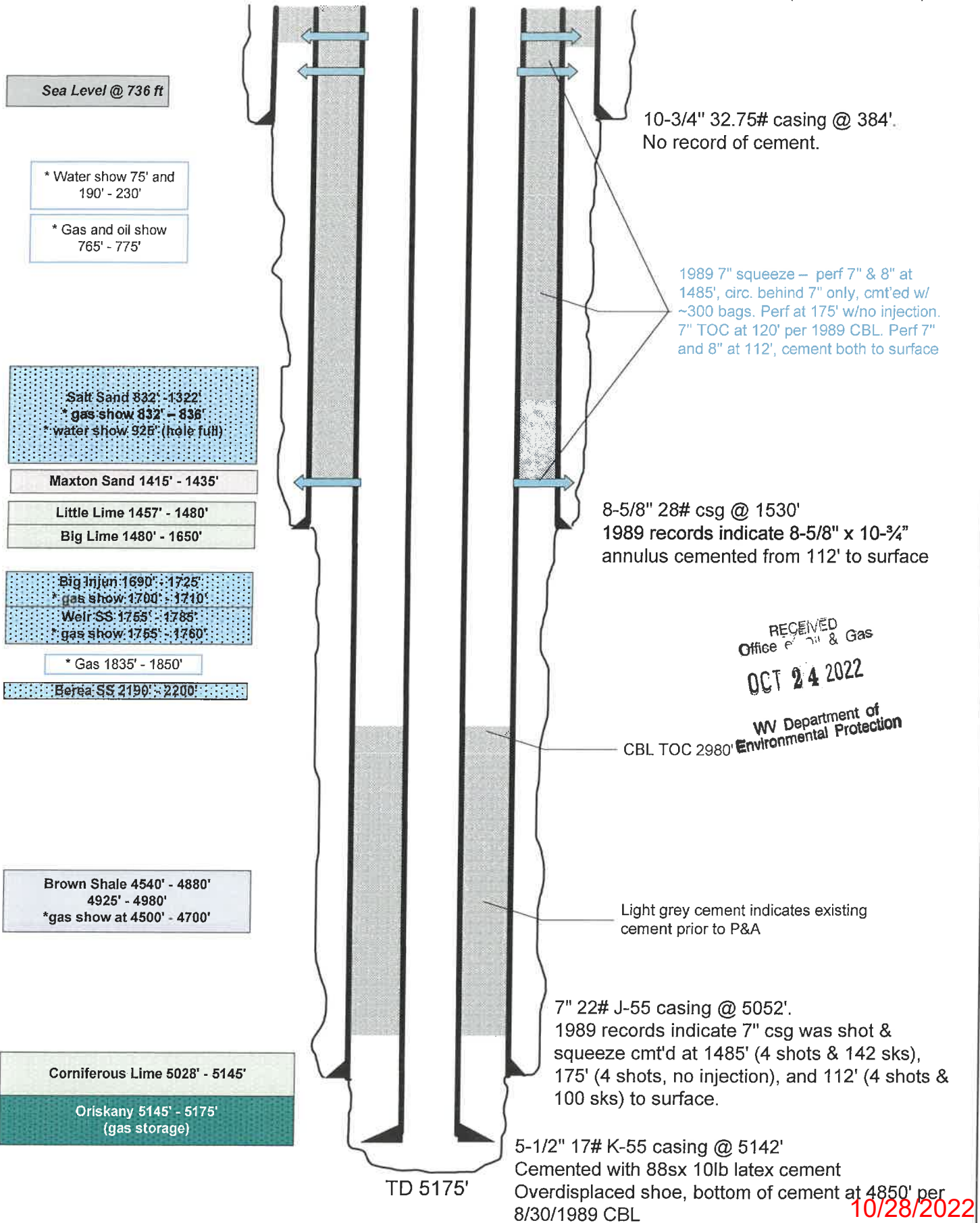
10/28/2022

~ not to scale ~

COCO C 7330

Prior to P&A

(as of 03/04/2022)



Sea Level @ 736 ft

* Water show 75' and 190' - 230'

* Gas and oil show 765' - 775'

Salt Sand 832' - 1322'
* gas show 832' - 836'
* water show 925' (hole full)

Maxton Sand 1415' - 1435'

Little Lime 1457' - 1480'

Big Lime 1480' - 1650'

Big Injun 1690' - 1725'
* gas show 1700' - 1710'

Weir SS 1755' - 1785'
* gas show 1755' - 1760'

* Gas 1835' - 1850'

Berea SS 2190' - 2200'

Brown Shale 4540' - 4880'
4925' - 4980'
*gas show at 4500' - 4700'

Corniferous Lime 5028' - 5145'

Oriskany 5145' - 5175'
(gas storage)

10-3/4" 32.75# casing @ 384'.
No record of cement.

1989 7" squeeze - perf 7" & 8" at 1485', circ. behind 7" only, cmt'd w/ ~300 bags. Perf at 175' w/no injection. 7" TOC at 120' per 1989 CBL. Perf 7" and 8" at 112', cement both to surface

8-5/8" 28# csg @ 1530'
1989 records indicate 8-5/8" x 10-3/4" annulus cemented from 112' to surface

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WV Department of Environmental Protection
CBL TOC 2980'

Light grey cement indicates existing cement prior to P&A

7" 22# J-55 casing @ 5052'.
1989 records indicate 7" csg was shot & squeeze cmt'd at 1485' (4 shots & 142 sks), 175' (4 shots, no injection), and 112' (4 shots & 100 sks) to surface.

5-1/2" 17# K-55 casing @ 5142'
Cemented with 88sx 10lb latex cement
Overdisplaced shoe, bottom of cement at 4850' per 8/30/1989 CBL

TD 5175'

10/28/2022

~ not to scale ~

COCO C 7330

Post P&A

(as of 10/07/2022)

Sea Level @ 736 ft

Perf 300' - 302', pump cmt to surface. Actual 17' below GL, successful squeeze. Grout all from surface.

* Water show 75' and 190' - 230'

* Gas and oil show 765' - 775'

Salt Sand 832' - 1322'
* gas show 832' - 836'
* water show 825' (hole full)

Maxton Sand 1415' - 1435'

Little Lime 1457' - 1480'

Big Lime 1480' - 1650'

Big Injun 1690' - 1725'
* gas show 1700' - 1710'
Weir SS 1755' - 1785'
* gas show 1755' - 1760'

* Gas 1835' - 1850'

Berea SS 2190' - 2200'

Cement Retainer @ 2880'

Perforated @ 2900 - 2902' and 2410 - 2412', squeezed 7" perf to perf. Verified good bond with CBL.

Brown Shale 4540' - 4880'
4925' - 4980'
* gas show at 4500' - 4700'

Cement Retainer @ 4880'

Perforated at 48898 - 4900, no injection. Perf at 2950-2952', no circulation perf to perf or injection at 2950'.

Corniferous Lime 5028' - 5145'

Oriskany 5145' - 5175'
(gas storage)

Cast Iron Bridge plug @ ~4910'

TD 5150'

1989 records- perf 7" and 8" at 112', cement both to surface. Perf at 175' w/no injection. 7" TOC at 120' per 1989 CBL.
9.26.22 7" CBL confirms good cmt from 0 - 140'

10-3/4" 32.75# casing @ 384'.
No record of cement.

Perf 800' - 802', 600' - 602' and 400 - 402', pump cmt. ETOC 353', actual 444', successful squeeze

1989 7" squeeze - perf 7" & 8" at 1485', circ. behind 7" only, cmt'ed w/ ~300 bags.
9.26.22 7" CBL ratty cement stringers - notable intervals are 200 - 280', 310-320', 950-1020', 1110-1250', 1376-1600', 1816-1874', 1984-2000', 2382-2396'.

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8-5/8" 28# csg @ 1530'
1989 records indicate 8-5/8" x 10-3/4" annulus cemented from 112' to surface

Perf 1300' - 1310' and 900 - 910' squeeze behind 8-5/8" casing perf to perf, and plug out inside 5-1/2". ETOC 934', actual 1003', successful squeeze.

Perf 1760' - 1770' and 1700' - 1710', attempt squeeze into Weir and Injun. ETOC 1440', actual 1434'.

Perf 2190' - 2200', squeeze cmt into Berea. ETOC 1850', actual TOC 1940', 4+ bbls went into Berea.

Cut and pull 5-1/2" at 2930' per freepoint.

CBL TOC 2980'

Dark grey cement indicates cement placed during P&A

Light grey cement indicates existing cement prior to P&A

7" 22# J-55 casing @ 5052'.
1989 records indicate 7" csg was shot & squeeze cmt'd at 1485' (4 shots & 142 sks), 175' (4 shots, no injection), and 112' (4 shots & 100 sks) to surface.

5-1/2" 17# K-55 casing @ 5132'
Cemented with 88sx 10lb latex cement
Overdisplaced shoe, bottom of cement at 4850' per 8/30/1989 CBL.

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