

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: Virginia Guppett Operator Well No.: Terra Alta 7370

LOCATION: Elevation: 2148. Quadrangle: Terra Alta, WV
District: Portland County: Preston
Latitude: 11920 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude: 7245 Feet West of 79 Deg. 32 Min. 30 Sec.

Well Type: OIL _____ GAS X

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JUN 22 2022

WV Department of
Environmental Protection

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 _____ or Owner _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Preston ss:

Maria Medvedeva and Steve 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 5th day of May, 2022, and the well was plugged and filled in the following manner:

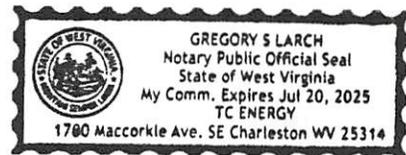
TYPE	FROM	TO	PIPE REMOVED	LEFT
Hard plugback material	8940 (TD)	5765	N/A	openhole
15.6 ppg Class A Cement	5765	5460	N/A	openhole
15.6 ppg Class A Cement	5460	5250	N/A	7"
Cast Iron Bridge Plug	5250	5250	N/A	7"
15.6 ppg Class A Cement	5250	5070	N/A	7"
Cement Retainer	5070	5070	N/A	7"
15.6 ppg Class A Cement	5070	3967	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 3rd day of June, 2022.

And further deponents saith not. Steve Simmons

Sworn and subscribe before me this 6 day of June, 2022



My commission expires: 7/20/25

[Signature]
Notary Public

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

Title: Inspector **07/01/2022**

6/13/2022

Terra Alta 7370 Additional Plugging Data (API 47-077-00006)

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement Retainer	3967	3967	N/A	7"
15.6 ppg Class A Cement	3967	1500	N/A	7"
15.6 ppg Class A Cement	1500	950	N/A	7", 8-5/8" *
Cement Retainer	950	950	N/A	7", 8-5/8"
15.6 ppg Class A Cement	950	18	N/A	7", 8-5/8"
15.6 ppg Class A Cement	18	0	N/A	7", 8-5/8", 13-3/8" **
* Note – at surface found the 8-5/8" was present despite well records indicating it was pulled, the 10-3/4" casing found to have been pulled instead				
** 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 7370

Prior to P&A
(as of 01/19/2022)

Sea Level @ 2154 ft

13-3/8" csg @ 18'
(no record of cement)

10-3/4" csg @ 251'
(no record of cement)

8-5/8" csg ran/pulled – csg seat @ 1500'

Gas pocket and salt water show @ 4043'
Gas pocket @ 4500'
Salt water pocket @ 5285'

Lime
4469 - 4629'
5007 - 5026'

Marcellus 5410 - 5448'

Onodaga 5448 - 5473'

Chert 5473 - 5611'

Oriskany 5628 - 5778'
(gas storage)

Holderberg 5769'

Lime
6304 - 6838'

Salt and Sulfur 6838 - 6853'

Broken / Hard Lime shells
6853 - 8084'

Shale / Lime / Sand

Clinton 8688 - 8940'

TD 8940'

7" csg @ 5460'
- no historic record of cement;
- records indicate aqua-gelled to surface;
- 2008 Intex CBL notes a TOC of 5216'.

PBTD 5761'

No record of plug
back material

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~ not to scale ~

TERRA ALTA 7370

Post P&A

(as of 06/03/2022)

Sea Level @ 2154 ft

13-3/8" csg @ 18'
(no record of cement)

10-3/4" csg @ 251'
- during the P&A found csg to have been previously pulled

Cement retainer at 950'

No movement, unable to pull 7" csg out of hole.
Perforate @1000' & squeeze cement to surface

8-5/8" csg seat @ 1500'
- no records of cement
- historic records indicated that the 8-5/8" csg had been pulled, however when cut down the wellhead at the end of P&A found it present and the 10-3/4" csg pulled instead
- cemented 8-5/8" x 13-3/8" from surface to 354'

Light grey fill indicates cement in place during well construction.

Dark grey fill indicates cement installed during the P&A

Gas pocket and salt water show @ 4043'
Gas pocket @ 4500'
Salt water pocket @ 5285'

Cement retainer at 3967'

Perforate @4050' & squeeze cement.
Confirmed TOC @ 1050' per CBL ran on 05.25.2022.

Cement retainer at 5070'

Perforate @5100' & squeeze cement.
Confirmed TOC @ 4100' per CBL ran on 05.19.2022.

Lime
4469 - 4629'
5007 - 5026'

Bridge plug at 5250'

Marcellus 5410 - 5448'

Onodaga 5448 - 5473'

Chert 5473 - 5611'

Oriskany 5628 - 5778'
(gas storage)

Holdenborg 5769'

7" csg @ 5460'
- no historic record of cement;
- records indicate aqua-gelled to surface;
- 2008 Intex CBL notes a TOC of 5216'.

Confirmed PBTB 5765'

Lime
6304 - 6838'

Salt and Sulfur 6838 - 6853'

Broken / Hard Lime shells
6853 - 8084'

Shale / Lime / Sand

No record of plug back material, however tagged hard bottom during P&A

Clinton 8688 - 8940'

TD 8940'

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