

**From:** [Saunders, Casey V.](#)  
**To:** [Arlauckas, Shannon](#)  
**Subject:** RE: [EXTERNAL] Deficiencies for Stockdale 1 Well Application  
**Date:** Thursday, May 20, 2021 3:38:22 PM  
**Attachments:** [05-20-2021 - Corrected Page 2.pdf](#)

---

Good Afternoon Shannon,

Sorry about that! You are correct – it was a typo. I revised Page 2 to show the correction.

Please let me know if you need anything else.

Thanks,

**Casey V. Saunders, P.E.**



**Manager Coal/Gas Coordination**

**BMX Portal Office: 724-663-7106**

**CNX Center Office: 724-416-8441**

**Mobile: 540-460-0462**

---

**From:** Arlauckas, Shannon <sarlauckas@pa.gov>  
**Sent:** Thursday, May 20, 2021 3:30 PM  
**To:** Saunders, Casey V. <CaseySaunders@consolenergy.com>  
**Subject:** RE: [EXTERNAL] Deficiencies for Stockdale 1 Well Application

Hi Casey –

Thank you for the revisions for Stockdale 1. I looked over everything, and it looks good. I do have one question, can you confirm the TMD listed on Page 2 of the plat? You have TMD as 3233' and the TVD as 3223'? The revised application shows total feet of wellbore to be 3223', so I am thinking the TMD on Page 2 might have been a typo? Let me know, and if it is a typo, please revise and send it back.

Once this is resolved, we are just waiting to hear back from BMS regarding the drill plan that you submitted.

Thanks,

**Shannon M. Arlauckas** | Geologic Specialist  
Department of Environmental Protection | Office of Oil & Gas Management  
Southwest District Office  
400 Waterfront Dr. | Pittsburgh, PA 15222  
Phone: 412.442.4171 | Fax: 412.442.4328  
[www.dep.pa.gov](http://www.dep.pa.gov)

---

**From:** Saunders, Casey V. <[CaseySaunders@consolenergy.com](mailto:CaseySaunders@consolenergy.com)>  
**Sent:** Wednesday, May 12, 2021 12:36 PM  
**To:** Arlauckas, Shannon <[sarlauckas@pa.gov](mailto:sarlauckas@pa.gov)>  
**Subject:** RE: [EXTERNAL] Deficiencies for Stockdale 1 Well Application

Good Afternoon Shannon,

I believe that I have addressed the comments below by attaching the following revisions:

- **Stockdale-1 well loc plat.dwg** – this is a CAD version file in State Plane NAD 27 PA South of the updated well plat
- **\$\$\$Stockdale Updated Well Plat – With Stamp** – this is a PDF version of the final well plat stamped by me with my updated information. I also changed the target formation to address your comments below.
- **05-12-2021 – Updated Page 2 of Plat.pdf** – I updated Page 2 with all adjacent municipalities and municipalities within 3,000’ of the vertical wellbore and notified the interested parties
- I also updated Page 2 to include all three (3) people listed below at each water supply
- **Updated Page 1 Permit App** – I made revisions to Page 1 of the permit application so that all formations and depths matched. This is the only page of the permit application that needs to be replaced (from what I see)
- **Item 12 Permit App** – I included a filled out Form 8000-FM-OOGM0118
- **Leatherwood LLC Registration** – I have also included proof of Leatherwood LLC to operate in PA

Please let me know if I need to add or change anything else.

Thanks,

**Casey V. Saunders, P.E.**



**Manager Coal/Gas Coordination**

**BMX Portal Office: 724-663-7106**

**CNX Center Office: 724-416-8441**

**Mobile: 540-460-0462**

---

**From:** Arlauckas, Shannon <[sarlauckas@pa.gov](mailto:sarlauckas@pa.gov)>  
**Sent:** Tuesday, May 4, 2021 12:21 PM  
**To:** Saunders, Casey V. <[CaseySaunders@consolenergy.com](mailto:CaseySaunders@consolenergy.com)>  
**Subject:** [EXTERNAL] Deficiencies for Stockdale 1 Well Application

**CAUTION:** This email originated from outside of the CONSOL Energy Inc mail tenant. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Casey –

After initial review of the application materials for Stockdale 1, please correct the following:

Please submit a .dwg version of the plat, so we may verify labeled distances with our measurement tools.

Page 1 of the plat does not contain a surveyor/engineer name, stamp or license number, etc, please add.

Page 2 of the plat only shows the municipality where the vertical wellbore is located. The municipalities to be notified should also include all municipalities adjacent to the municipality where the wellbore will be drilled and all municipalities within 3000' of the vertical wellbore. Please notify these interested parties and update the form.

The record of notification submitted with the application has signatures for Chris Allan Stockdale, Lesley Gandy Stockdale and Barbara Jean Gandy and they are listed as Surface Landowners and Water Purveyors with water supplies within 1000', please update Page 2 of the plat to include all of these interested parties.

Please review the following regarding the target/deepest formations listed throughout the application materials and revise as necessary:

The permit application indicates that target formations are both Nineveh and Gordon. The Deepest formation to be penetrated is listed here as the Nineveh Sand, however the Gordon formation is deeper, is it not? The TVD and total footage on the application is listed as 3223'. The Anticipated Target Top/Bottom TVD is listed as 2943'/2973'. I believe these TVDs correspond to the top and bottom of the Nineveh (as indicated on the drill plan submitted). Drilling to 3223' would be deeper than the Nineveh, and, I assume 3223' is the depth of Gordon?

Page 1 of the plat shows that the target formation is the Nineveh Sand only, elsewhere both Nineveh and Gordon are listed.

Page 2 of the plat shows that the target formations are both Nineveh and Gordon. The deepest formation is listed as the Nineveh Sand, however the Gordon is deeper, which is why the TVD and TMD listed here are 3233', correct? Should the deepest formation on this page be changed to Gordon?

Item 12 on the permit application asks that you submit a current Ownership & Control form 8000-FMOOGM0118, which I do not see with the application materials. Please submit the form.

Please let me know if you have questions or concerns.

Kind regards,

**Shannon M. Arlauckas** | Geologic Specialist  
Department of Environmental Protection | Office of Oil & Gas Management  
Southwest District Office  
400 Waterfront Dr. | Pittsburgh, PA 15222  
Phone: 412.442.4171 | Fax: 412.442.4328  
[www.dep.pa.gov](http://www.dep.pa.gov)