

H. D. Lauer Estate #1

Operations Summary and COA Verification

API:	05-123-05404	GL:	4,855'
KB:	4,877'	Footages:	990 FNL & 1650 FWL
Surface Location:	(NENW) Section 12 T7N R59W	Lat/Long:	40.593572, -103.929106
Location:	Weld, Colorado		

Operations Summary

The HD Lauer Estate #1 was drilled as a D-sand/J-sand well in June of 1955. The well was never completed and abandoned as per Colorado State requirements in November of 1955. Summit Oil & Gas plans to drill and complete wells within 1,500' of the HD Lauer Estate #1 well bore. The State of Colorado requires operators to re-enter and re-plug the wells to meet new state standards when the well is within the 1,500' radius.

Wellhead prep was conducted on **13 Sept, 2021**. Primary P&A operations took place between **24 Sept, 2021** and **27 Sept, 2021**. Final cut and cap was performed on **11 Oct, 2021**.

- Install wellhead
- TIH - did not tag plug between 140' and 160'
- Washed down to 1600' with difficulty. Encountered recurring bridges.
- Contact COGCC and got permission to cement.
- Ran Gyro from 1566' to surface with 100' stations.
- Pumped Plug #1 with 814 sks cement from 1600'. No cement to surface.
- RIH Tag Plug #1 at 365'
- Pumped Plug #2 with 385 sks of cement from 360' to surface.
- Visually verified cement to surface.
- Cut and Cap below plow level on 11-Oct-2021.
- Cap with weep hole, legal location, well name, well number, and api number welded in place.

As-Built wellbore diagram is included in **Appendix A**, and attached to the Form 6 as a pdf.

COA Verification

1. Venting:

- a. No Venting or emissions occurred during the procedure. No hydrocarbons, hydrocarbon gasses, or gasses were encountered during the plugging operation.

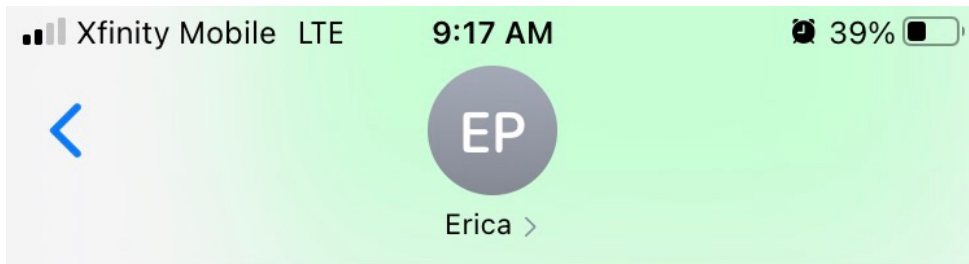
2. Plugging:

- a. Provide 48 hour notice of plugging MIRU via electronic Form 42
 - i. Submitted 21 Sept, 2021. DocNumber: 402818638
- b. Contact COGCC Area Inspector prior to commencing plugging operations.
 - i. Sent to Erica Petrie. See appendix B
- c. Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from COGCC is obtained.
 - i. All plugs that were changed were approved by Stephen Wolfe verbally and confirmed via email.
- d. The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug.
 - i. All plugs were greater than 100' in length. Circulation was maintained for all plugs. Communication was maintained with the COGCC Area Engineer regarding plugging operations. Please see attached email correspondence.
- e. Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface in all strings during cut and cap.
 - i. Surface plug was from 360' to surface. Cement was visually verified at surface. Additionally cement was reverified on 11 Oct, 2021 and 10sk of "top-off" was needed. Cut and cap was performed. See attached pictures in appendix C.
- f. With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.
 - i. This document shall constitute positive affirmation of all COAs.
- g. Submit gyro survey with Form 6 SRA if available.
 - i. Gyro Survey is attached to Form 6 as 'H D Lauer Estate #1 Gyro.pdf'.

Appendix A: As-Built Wellbore Diagram

[illegible]

Appendix B: Area Inspector Notification



Good deal. Thanks for the update

Thu, Sep 23, 4:17 PM

Sorry to be such a pain, thanks for being patient. Rig 1 - will cement sometime tomorrow when trucks show up on the Faye #1 (Doc [402800240](#)). Rig 2 - should Rig Up tomorrow in Turner #1 (Doc [402798803](#))

Rig 1 will move tomorrow to HD Lauer Estate #1 (Doc [402800339](#))

Thu, Sep 23, 5:26 PM

Change of plans cement will be there tonight

Fri, Sep 24, 9:58 AM

Ok. It's no problem I appreciate your updates.



Text Message



Appendix C: Cut and Cap Pictures



Photos showing the depth of cut for the well cap and the required information.



Photos showing the depth of cut for the well cap and the required information.