Harris, Jeremiah

From: Diane McCoy - DNR <diane.mccoy@state.co.us>
Sent: Monday, September 16, 2024 10:03 AM
To: Harris, Jeremiah
Cc: Jian Wang - DNR
Subject: Re: MIT- AMX 13-13 0507108630

Jeremiah,

Thanks for the phone call and email details. You may proceed with setting the packer just above the fish as outlined in your email. Please make a note on the Form 21 about the fish and depth exception.

Diane McCoy, P.E.
Engineering Supervisor
My pronouns: she/her/hers

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Phone 720-786-3628
1120 Lincoln Street, Suite 801, Denver, CO 80203
diane.mccoy@state.co.us | www.colorado.gov/ecmc

On Fri, Sep 13, 2024 at 7:45 AM Harris, Jeremiah <Jeremiah.Harris@enrllc.com> wrote:

> Good Morning Diane,
>
> I am contacting you to request permission to perform MIT outside the 100' requirement. Below is the description of the wellbore conditions and reason for the request.
>
> In August of 2022 this well had a recompletion frac performed. Post-Frac operations, the coil tubing unit was used to perform a cleanout to bottom to circulate the sand left within the wellbore. During that operation, circulation was lost and sand fell around the tubing and stuck the pipe at 2,338'. We worked for several days to gain movement and was able to pull 400' from initial point where we were stuck. No other option but to chemical cut at a depth of 1,598' leaving a 15' section of pipe, connector, shear sub and centralizer. We welded tubing back together and still had no movement. Sand had continued to fall and despite calculating free-point prior to cutting again, we had the same result when cutting again at 1,480'; leaving 118' of coil tubing. On the third attempt to get free and cutting at 1,100' and welding tubing again we were able to pull remaining portion of tubing out of hole. This last section of tubing to be at 380' on top of the other two fish sections.
>
> Workover completion operations began the following month later. We brought in a fishing company and we cleaned what we could around the top of fish with washpipe. Ran in with overshot, drill collars and tubing jars and still had no movement. Worked on this well for several days with zero success.

This week we have brought a rig back on location and attempted to fish tubing to perform MIT. Top Perforations are at 1,229'. We ran in with overshot and attempted to latch onto tubing. Had issues grappling on fish. Ran an impression block in hole to see the impression left and found tubing was just wedged to casing wall. Ran back in with overshot and latched on tubing. Worked it for several hours and obtained a little bit of movement. Released grapple and tripped out of hole. We ran back in with bumper sub and drill collars to attempt to work free with no further movement.

Top of fish is at 1,108' with top perforations at 1,229'. This makes us short by about 31' to safely set packer above fish, trying to be about 10' from fish for setpoint of packer. Is there any possibility with the information above to grant permission to perform MIT with packer setpoint to be at 1,098'? This would make it 37' above the maximum permissible distance from top perforations. Please let me know if you have any further questions, additional contact information below. Look forward to hearing back.

Many Thanks,

Jeremiah Harris

Well Service Foreman

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Evergreen Natural Resources

Trinidad, Colorado

C: (719) 859-0075