

Brian Stanley

From: Curtis Haverkamp <curtis.haverkamp@state.co.us>
Sent: Friday, February 25, 2022 8:58 AM
To: Brian Stanley
Subject: [External]:Re: [External]:Re: [External]:Re: Sawyer/Powell 32-4 (05-123-14807) Re-Entry P&A Status

Brian,
That's fine as one plug. If you break it up, tag at Fox Hills and above.
Thanks,

Curtis Haverkamp, PE
Area Engineer



1120 Lincoln Street, Suite 801\$

Denver, CO 80203

Phone: 303.894.2100 ext 5165

curtis.haverkamp@state.co.us

On Fri, Feb 25, 2022 at 8:31 AM Brian Stanley <BStanley@verdadresources.com> wrote:

Just confirming, the outlined plug below, 1490'-850', 222sx Class G neat, that we will tag and make sure top is 850' of shallower, is good to go?

Thanks,

Brian Stanley

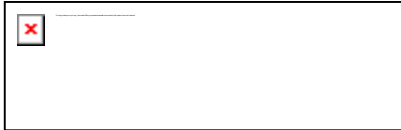
435-640-6426

From: Curtis Haverkamp <curtis.haverkamp@state.co.us>
Sent: Thursday, February 24, 2022 4:11 PM
To: Brian Stanley <BStanley@VerdadResources.com>
Cc: Diana.Burn@state.co.us; diane.mccoy@state.co.us; Jason Eisenach <jeisenach@phxresources.com>
Subject: [External]:Re: [External]:Re: Sawyer/Powell 32-4 (05-123-14807) Re-Entry P&A Status

Tagging each OH plug?

Thanks,

Curtis Haverkamp, PE
Area Engineer



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On Thu, Feb 24, 2022 at 4:08 PM Brian Stanley <BStanley@verdadresources.com> wrote:

Curtis,

We made it back down to 1490' with all 10 collars but it was a fight. Circulating clean again right now. We'll come back out and try to get to bottom with only a couple of collars tomorrow.

The proposed plug below look good?

Thanks,

Brian Stanley

435-640-6426

From: Curtis Haverkamp <curtis.haverkamp@state.co.us>

Sent: Thursday, February 24, 2022 3:23 PM

To: Brian Stanley <BStanley@VerdadResources.com>

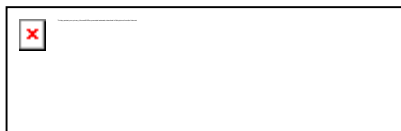
Subject: [External]:Re: Sawyer/Powell 32-4 (05-123-14807) Re-Entry P&A Status

Brian,

I'll note on our side. Please keep us updated.

Thanks,

Curtis Haverkamp, PE
Area Engineer



1120 Lincoln Street, Suite 801

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Phone: 303.894.2100 ext 5165

curtis.haverkamp@state.co.us

On Thu, Feb 24, 2022 at 12:17 PM Brian Stanley <BStanley@verdadresources.com> wrote:

All,

I guess Jason Diana and she requested this information. See below for the summary of how we got to where we are and the current state of affairs.

-On 2/16 we picked up a 6-3/4" tricone bit with 3-1/2" collars and began drilling out surface cement until we were out in clear, open-hole @345'.

-From 2/18 to 2/19, Worked tight hole from 757'-1012'. Intermittent loss of circulation and sticking pipe throughout this zone. Added some clay stabilizer to the mud system and continued working until restrictions were cleaned up.

-On 2/19, tag up on cement at 1300' and have easy drilling to ~1330' where progress slowed down. Still taking full cement returns with minimal mud/shale. Drill with very slow, hard drilling to 1392' at end of 2/21. Last hour was very slow, POOH to check bit. Bit was green.

-On 2/22, MU 4-3/4" Tricone with collars in an attempt to make better progress, hold less WOB being cognizant of deviation potential (didn't mash on it). Drill from 1392-1465' with cement returns tapering off and clay/shale returns ramping up, with no cement returns coming over the shakers at the end of the day, only shale/clay cuttings (pic below). Progress still slow, ~5-10' per hour.

-Continue drilling 2/23, make 25' of progress for the day to 1497', returns were zero cement and light but consistent fine clay/sand/shale cuttings. POOH and rack back pending gyro.

-2/24 (today), we ran in with tubing and the 4-3/4" mill (no collars) and are struggling to get past 542'. Currently we're POOH to PU collars wash back to bottom. It looks like we're going to be cementing through collars for this first plug unless something changes.

The plan, as I understand it, is to cement from where we're at right now (1497', assuming we can get back down there) to the top of the designed plug at 850'. So the proposed plug would 1497'-850'. These are the OD's and volumes that I'm figuring.

1497'-1392': 4-3/4" hole at 15sx w/ 35% open-hole excess

1392'-1300': 6-3/4" hole at 27sx w/ 35% open-hole excess

1300'-850': 7-7/8" hole at 180sx w/ 35% open-hole excess

For a total designed plug of 222sx, and we'll obviously tag and bring TOC to 850' at minimum.

Please review and let me know.



Thanks,

Brian Stanley

Sr. Completions Engineer

435-640-6426

