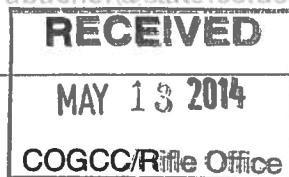


STATE OF
COLORADO

Krabacher - DNR, Jay <jay.krabacher@state.co.us>

**Re: B04 04D**

1 message

Krabacher - DNR, Jay <jay.krabacher@state.co.us>

Tue, May 13, 2014 at 3:16 PM

To: "Steinke, Mitch" <Mitchell.Steinke@encana.com>

Cc: "Andrews - DNR, David" <david.andrews@state.co.us>, "Wilkinson, Barry J." <Barry.Wilkinson@encana.com>, Craig Burger - DNR <craig.burger@state.co.us>, "Miller, John A. (Parachute)" <John.Miller3@encana.com>, "Messer, Tanner J." <Tanner.Messer@encana.com>

Mitch:

We just spoke about the proposed procedure (earlier email) and it looks good to the COGCC. Please proceed.

Encana can submit a sundry notice after the work is completed, with the pertinent details.

Regards,

Jay Krabacher

On Mon, May 12, 2014 at 4:52 PM, Steinke, Mitch <Mitchell.Steinke@encana.com> wrote:

Dave, Here is the proposed remediation procedure for the WF 04D B04 596 #0504513458 braden head pressure. This is to confirm our finding from casing inspection logs ran 5/11/2014.

- 1) RIHW 3 1/8" hydraulic casing cutter and cut 4 1/2" 11.6# N80 csg @ 1500'+/-
- 2) POOH with csg, inspect csg for leak @ 1012'-1045' and 1142'-1175'.
- 3) RIHW 6 3/4 skirted mill on tubing to dress fish top.
- 4) Tally & RIHW 4 1/2 x 5 3/4 7K Logan external casing patch and new 4 1/2" 11.6# N80 BTC casing.
- 5) Patch casing @ 1500' +/- RIHW packer. Set packer @ 1550' +/- Pressure annulus and test patch 2500 psi.
- 6) After testing patch release packer and RIH. Set packer @ 5140' KB. Test down tubing 1500 psi to verify RBP & csg integrity from 5140' to RBP. Pressure test annulus to verify possible holes from MFC log at 5116'.
- 7) Release packer and POOH. Set pkr @ 5107' KB. Pressure test down tubing and establish injection rate into suspected hole @ 5116'. Pressure annulus and attempt to establish injection rate into suspected holes from 5035' to 4480'.
- 8) Release packer and POOH. Set packer @ 4940'. Pressure down tubing and attempt to establish injection rate into suspected holes from 5035' to 4960'. Pressure annulus and attempt to verify injection rate into suspected hole @ 4480'.

9) Release packer & POOH. Set packer @ 4450'+/- and pressure annulus to verify casing integrity above suspected hole @ 4480'. Pressure tubing and verify injection rate into hole @ 4480'.

10) Design remedial squeeze procedure(s) upon results of pressure tests.

Do you need another sundry for this work? Let me know if you have any questions or comments.

Thanks,



Mitchell Steinke

Piceance Completions Coordinator

Encana Services Company Ltd.

143 Diamond Ave.

Parachute CO 81635

T 970.285.2654

C 303.918.3844

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"I Believe"



please consider the environment before printing this e-mail

From: Andrews - DNR, David [mailto:david.andrews@state.co.us]

Sent: Monday, April 21, 2014 4:42 PM

To: Wilkinson, Barry J.

Cc: Steinke, Mitch; Jay Krabacher; Craig Burger - DNR
Subject: Re: B04 04D



Barry,

Yes. Please proceed with hole hunting.

Thanks,

David D. Andrews, P.E., P.G.
 Engineering Supervisor - Western Region



COLORADO
 Oil & Gas Conservation
 Commission
 Department of Natural Resources

P 970.625.2497 x1 | F 970.625.5682 | C 970.456.5262
 796 Megan Avenue, Suite 201, Rifle, CO 81650
 david.andrews@state.co.us | www.colorado.gov/cogcc

On Mon, Apr 21, 2014 at 3:10 PM, Wilkinson, Barry J. <Barry.Wilkinson@encana.com> wrote:

David,

We suspect a surface casing hole on the B04 04D. As we've done in the past, may we proceed with gathering information and submit a procedure for approval once we've determined a plan of action?

Well Name	N Parachute WF04D B04
API #	05-045-13458-0000
Surface Location	NWNE S4 T5S R96W
County	Garfield



Regards,

Barry Wilkinson

Production Engineer – North Piceance

t 970.285.2928

c 303.981.2562

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