

Chris Hohnstein

From: Brian Ulmer
Sent: Thursday, June 20, 2019 2:17 PM
To: Chris Hohnstein; Kevin Monaghan
Subject: FW: EXTERNAL: Re: BB Draw H04-06JI (05-123-20531) P&A change

Brian Ulmer
Noble Energy
Office – 720-587-2307
Mobile – 303-905-4467

From: Jacobson - DNR, Eric <eric.jacobson@state.co.us>
Sent: Thursday, June 20, 2019 2:12 PM
To: Brian Ulmer <Brian.Ulmer@nblenergy.com>
Subject: EXTERNAL: Re: BB Draw H04-06JI (05-123-20531) P&A change

Brian

Approved as outlined.

Eric

On Thu, Jun 20, 2019 at 2:09 PM Brian Ulmer <Brian.Ulmer@nblenergy.com> wrote:

Eric,

-

We will punch tubing at 5610' and we wanted to know if you would be ok if we pump a 80 sks plug from 5610' to 4014' (top of proposed Sussex plug) and then we will pressure test that plug to make sure it holds pressure prior to continuing on.

-

Let me know if you approve this plan.

-

Thanks!

-

Brian Ulmer

Noble Energy

Office – 720-587-2307

Mobile – 303-905-4467

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Eric Jacobson, PE

Engineer



303-894-2100 (5265)

1120 N Lincoln St Ste 801, Denver, CO 80203

Chris Hohnstein

From: Brian Ulmer
Sent: Thursday, June 20, 2019 2:20 PM
To: Chris Hohnstein
Cc: Kevin Monaghan
Subject: BB Draw H04-06JI plan forward

Chris,

Here is the plan forward. Let me know if I missed something.

Thanks!

- 1 RIH with cast iron tubing plug and set at 5700'.
- 2 Load tubing and pressure test to 500 psi.
- 2 RIH and shoot tubing punch at 5610'.
- 3 Establish circulation and good returns
- 4 Pump 115 sks of Gneat cement from 5610' to 4014'.

| Length (ft) | OD (in) | ID (in) | ft ³ /ft | Volume (ft ³) | Yield (ft ³ /sk) | Cement (s) |
|-------------|---------|---------|---------------------|---------------------------|-----------------------------|---------------|
| 1596 | 4.000 | 2.375 | 0.057 | 90 | 1.150 | 78 |
| 1596 | 2.000 | 0.000 | 0.022 | 35 | 1.150 | 30 |
| | | | | | | TOTAL: |

- 5 Displace with 15 bbls for balanced plug.

| Tubing ID | Length (ft) | Disp. (BBL/ft) | Disp (BBL) |
|-----------|-------------|----------------|------------|
| 2 | 4014 | 0.00389 | 15.6 |

- 6 SI well overnight.
- 7 Pressure test casing to 500 psi for 15 minutes. If pressure does not hold call supervisor/engineer for plan forward
- 8 Continue with P&A as planned.

Brian Ulmer
Noble Energy
Office – 720-587-2307
Mobile – 303-905-4467

Chris Hohnstein

From: Brian Ulmer
Sent: Friday, June 21, 2019 11:20 AM
To: Chris Hohnstein; Eric Peterson (Contractor); Kevin Monaghan
Subject: FW: EXTERNAL: Re: BB Draw H04-06JI (05-123-20531) P&A change

Brian Ulmer
Noble Energy
Office – 720-587-2307
Mobile – 303-905-4467

From: Jacobson - DNR, Eric <eric.jacobson@state.co.us>
Sent: Friday, June 21, 2019 11:18 AM
To: Brian Ulmer <Brian.Ulmer@nblenergy.com>
Subject: EXTERNAL: Re: BB Draw H04-06JI (05-123-20531) P&A change

Brian

Approved as outlined.

Eric

On Fri, Jun 21, 2019 at 10:56 AM Brian Ulmer <Brian.Ulmer@nblenergy.com> wrote:

Eric,

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After we pumped the plug from 5610 – 4014 the casing held pressure but we discovered a hole in tubing at around 2112'.

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My proposal is to move the courtesy plug up to 2100' to 1600'.

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Please let me know if you approve this plan.

-

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Thanks!

-

Brian Ulmer

Noble Energy

Office – 720-587-2307

Mobile – 303-905-4467

From: Brian Ulmer

Sent: Thursday, June 20, 2019 2:21 PM

To: Jacobson - DNR, Eric <eric.jacobson@state.co.us>

Subject: RE: EXTERNAL: Re: BB Draw H04-06JI (05-123-20531) P&A change

-
Thank you sir!

-
Brian Ulmer

Noble Energy

Office – 720-587-2307

Mobile – 303-905-4467

-
From: Jacobson - DNR, Eric <eric.jacobson@state.co.us>

Sent: Thursday, June 20, 2019 2:12 PM

To: Brian Ulmer <Brian.Ulmer@nblenergy.com>

Subject: EXTERNAL: Re: BB Draw H04-06JI (05-123-20531) P&A change

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Brian

-
Approved as outlined.

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Eric

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On Thu, Jun 20, 2019 at 2:09 PM Brian Ulmer <Brian.Ulmer@nblenergy.com> wrote:

Eric,

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Let me know if you approve this plan.

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Thanks!

-

Brian Ulmer

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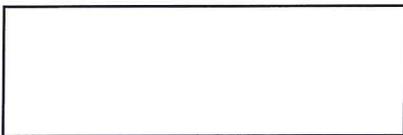
Mobile – 303-905-4467

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Eric Jacobson, PE

Engineer



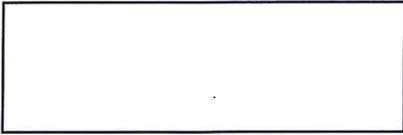
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Eric Jacobson, PE

Engineer



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