



STATE OF
COLORADO



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

RECEIVED

OCT 09 2013

COGCC/Rifle Office

SG 331-22 (API#05-045-217490000)

2 messages

Schrant, Jennifer <Jennifer.Schrant@wpenergy.com>

Wed, Oct 9, 2013 at 5:31 PM

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

Cc: "Neifert-Kraiser, Angela" <Angela.Neifert-Kraiser@wpenergy.com>, "Davis, Gregory"

<Gregory.Davis@wpenergy.com>

All,

On the SG 331-22 the MV4 stage was perforated out of zone and up into our water bearing zone in the Mesa Verde. Therefore we will have to squeeze these perfs to prevent watering out the well, before we can complete the MV4 stage. Here is the proposed procedure. I apologize for the late notice. We plan to squeeze this Friday or Saturday. Please advise.

Thank you and if you have any further questions please let me know,

Jennifer Schrant

EDP Engineer I-

Piceance Completions

Office Phone: (303) 629- 8402

Cell Phone: (303) 885-7752

Email: jennifer.schrant@wpenergy.com

WPXENERGY



SG 331-22 Squeeze Procedure.xlsx

16K

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

Thu, Oct 10, 2013 at 9:20 AM

10/10/13

State.co.us Executive Branch Mail - SG 331-22 (API#05-045-217490000)

To: "Schant, Jennifer" <Jennifer.Schant@wpenergy.com>

Cc: "Neifert-Kraiser, Angela" <Angela.Neifert-Kraiser@wpenergy.com>, "Davis, Gregory" <Gregory.Davis@wpenergy.com>, "King, Kevin" <Kevin.King@state.co.us>, "Andrews, David" <David.Andrews@state.co.us>



Jennifer:

Obviously "you have to do what you have to do." This email will serve as COGCC acknowledgement and concurrence with the proposed remediation procedure.

I have "cc"d Mr. Andrews and King – as I think this action warrants another Form 5, seeing as how the wellbore configuration will be changed. This correspondence will be in the applicable well-file, along with your procedure document. However, a Form 4 detailing the work done should be submitted within 30 days.

Regards,

Jay Krabacher

[Quoted text hidden]

—

Jay Krabacher

N W Area Engineer

C O G C C

cosas son mas como son ahora que ellas siempre fueron



WPX Energy

Water Shut Off Procedure



Wellname: **SG 331-22**
Date: 10/9/2013
Field: South Grand Valley

Prepared By: Jennifer Schr
Cell phone: (303) 885-7771

Purpose: Remediation of the out of zone perforations

Well Information:

API Number:	05-045-217490000
Production Casing:	4-1/2" 11.6# E-80
Shoe Depth:	1457.3 ft
Float Collar Depth:	5899.7 ft
Surface Casing Depth:	1499 ft
Top of Mesaverde:	3024 ft
Top of Gas:	4359 ft
Correlate Log:	Baker CBL -9/2/2013
Max pressure:	1,500 psi

Well History:

- This well was completed through the MV 3 stage
- The well was shot approximately 400' high for the MV4 stage
- The MV4 incorrectly shot upper perms need to be squeezed off

Proposed Procedure: RIH and set a kill plug at 4431 ft

MIRU cement crew
RIH with tubing to approximately 4050 ft (30 ft below bottom perf of 4019')
Pump Injection Test: 0.5 & 1 bpm
Get ISIP, 5, 10, and 15 min shut in pressures

Pump 50 sacks of 15.8 ppg cement with fluid loss additives
POOH slowly with tubing
Pressure up on casing to squeeze cement
Allow cement to set for 24 hours

RIH with bit and tubing and drill out cement to 4431 ft
Pressure test squeezed perms to 4000 psi
If perms pressure test then continue on to perforate and frac the perviously designe
If not call Jennifer Schrant (303-885-7752)