# BW - \_\_\_\_37\_\_\_\_

## C-103s

## Chavez, Carl J, EMNRD

From: danny@pwllc.net

**Sent:** Wednesday, February 28, 2018 6:46 AM

**To:** Chavez, Carl J, EMNRD; Marvin

Cc:Griswold, Jim, EMNRDSubject:RE: FW: Cutting the window.Attachments:C-103 SN State 4 #1 022718 .pdf

### Carl,

Per your request, below is the language in Llano's draft discharge permit application concerning proposed casing MIT and cavern MIT procedures. Please review and provide comments.

"Llano proposes to test the casing to 300 psi for 30 minutes using a packer or bridge plug during completion operations. Additionally, Llano proposes to pull production tubing and run a packer or bridge plug to test the casing to 300 psi for 30 minutes at intervals of five years or less. NMOCD personnel will be notified in advance for witnessing.

Concerning the open hole pressure test, Llano believes 500 psi surface pressure is too much pressure to put on the well/cavern. We propose to perform this annual test at 300 psi surface pressure for 4 hours. This would minimize the intensity of sudden pressure surges and releases which may cause damage to the formation."

Llano is mailing the original C-103 subsequent notice for the recent re-entry plug drill out and logging work to the District 1 Office today. Attached is a copy for your records.

Danny J. Holcomb Cell: 806-471-5628 Email: danny@pwllc.net

----- Original Message ------- Subject: FW: Cutting the window.

From: "Chavez, Carl J, EMNRD" < Carl J. Chavez@state.nm.us>

Date: Tue, February 27, 2018 3:35 pm

To: Marvin <burrowsmarvin@gmail.com>, "danny@pwllc.net"

<dannv@pwllc.net>

Cc: "Griswold, Jim, EMNRD" < Jim.Griswold@state.nm.us>

Marvin and Danny:

Good afternoon. Looks like we're good on the C-103.

You may opt to also send OCD the Casing MIT and Cavern MIT Methods to review or move forward to submit the application with the MIT procedures included.

Hard copies to DO1 and electronic copies to OCD-SF. DO1 is the lead on the approvals and processing of forms unless they defer the approvals and/or processing into the administrative record to OCD-SF.

Thanks everyone.

Mr. Carl J. Chavez, CHMM (#13099) New Mexico Oil Conservation Division Energy Minerals and Natural Resources Department

1220 South St Francis Drive Santa Fe, New Mexico 87505

Ph. (505) 476-3490

E-mail: CarlJ.Chavez@state.nm.us

"Why not prevent pollution, minimize waste to reduce operating costs, reuse or recycle, and move forward with the rest of the Nation?" (To see how, go to: http://www.emnrd.state.nm.us/OCD and see "Publications")

From: Kautz, Paul, EMNRD

Sent: Tuesday, February 27, 2018 2:31 PM

**To:** Chavez, Carl J, EMNRD < <u>CarlJ.Chavez@state.nm.us</u>>

**Subject:** RE: Cutting the window.

No issues

From: Chavez, Carl J, EMNRD

Sent: Tuesday, February 27, 2018 2:30 PM

**To:** Kautz, Paul, EMNRD < <u>paul.kautz@state.nm.us</u>> **Cc:** Griswold, Jim, EMNRD < <u>Jim.Griswold@state.nm.us</u>>

**Subject:** RE: Cutting the window.

Paul:

Hi. Marvin responded (see highlighted sentence below). Are there still issues?

Thank you.

From: Chavez, Carl J, EMNRD

Sent: Tuesday, February 27, 2018 9:11 AM

To: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>

**Subject:** FW: Cutting the window.

FYI.

**From:** Marvin [mailto:burrowsmarvin@gmail.com]

Sent: Tuesday, February 27, 2018 9:01 AM

To: Griswold, Jim, EMNRD < Jim.Griswold@state.nm.us >

Cc: Chavez, Carl J, EMNRD < CarlJ.Chavez@state.nm.us>; Darr Angell

<darrangell@gmail.com>; Dannys (Elec And Permitting both)

<danny@pwllc.net>

**Subject:** Re: Cutting the window.

Jim: We specifically discussed running a wireline CIBP, then dump bailing 10' of cement on it. If that was omitted from the 103, we'll correct it, then get it right

back to you. I think we did allow a short gap between the whipstock and the cement because I was afraid that having them in contact would interfere with the mechanical setting process. If it's at all possible to have them in contact while setting, we'll do that. Thanks.

Sent from my iPhone

On Feb 26, 2018, at 8:49 AM, Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us> wrote:

Marvin,

Would you please consider Paul's concerns. Thanks.

### Jim Griswold

Environmental Bureau Chief Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505.476.3465

email: jim.griswold@state.nm.us

----Original Message-----From: Kautz, Paul, EMNRD

Sent: Monday, February 26, 2018 7:16 AM

To: Chavez, Carl J, EMNRD < <a href="mailto:CarlJ.Chavez@state.nm.us">CarlJ.Chavez@state.nm.us</a>>; Griswold, Jim, EMNRD

<<u>Jim.Griswold@state.nm.us</u>> Subject: RE: Cutting the window.

Jim & Carl,

I do not feel comfortable setting the whipstock directly on top of the CIBP.

- 1) CIBP have been known to leak.
- 2) Setting cement on top of CIBP would seal off any leaks
- 3) Cement would help hold whipstock in place

Paul Kautz Hobbs District Geologist Energy Minerals Natural Resources Dept. Oil Conservation Division 1625 N. French Dr. Hobbs, NM 88240 575-393-6161 ext. 104

-----Original Message-----From: Chavez, Carl J, EMNRD

Sent: Friday, February 23, 2018 8:32 AM

To: Kautz, Paul, EMNRD <paul.kautz@state.nm.us>

Subject: FW: Cutting the window.

Paul:

Good morning. FYI: Whipstock.

----Original Message----

From: Marvin [mailto:burrowsmarvin@gmail.com]

Sent: Thursday, February 22, 2018 6:00 PM

To: Griswold, Jim, EMNRD < Jim.Griswold@state.nm.us>; Chavez, Carl J, EMNRD

<CarlJ.Chavez@state.nm.us> Subject: Cutting the window.

### Jim and Carl:

Recall that I said I would send an illustration of cutting a window. In this illustration, the green item is the "Whipstock". What you see below the Whipstock, is a support to hold the Whipstock from falling further downhole once you get it to the desired depth. We'll be using a CIBP for that purpose. As you can see, the Whipstock merely provides a angled surface that forces the cutter over against the side of the casing as the cutter is lowered down. Once the cutter contacts the casing, you rotate the workstring (tubing), which in turn rotates the cutter, to mill (or grind) a hole, or "window" into the side of the casing. It's far from a new process. The normal use of doing this operation is to salvage a wellbore that has junk in the hole that can't be fished out. You "Whipstock" around it. Usually the obstruction is stuck drill pipe in uncased hole.

Μ

Medical Process   March Pro	Submit 1 Copy To Appropriate District Office	State of New			Form C-103 Revised July 18, 2013	
SINDRY NOTICE OF INTENTION TO:  PERFORM REMEIDIAL WORK   PLOS ABAD REMEIDIAL WORK   PLOS ABD RE	<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Ellergy, Millierals and N	aturai Resources	WELL API NO.	Revised July 16, 2015	
Debutic III - (995) 314-1078   Control of the Park   Control of	District II - (575) 748-1283	OIL CONSERVATION	ON DIVISION	30-025-26370		
Santa Fee, NM 8710   Santa Fe, NM 87505   Santa Fee, NM 87505						
120 S. N. Francis Dr., Standa Fr., NM   1395   100 NOT USE TRUS PROPOSALS TO DRILL OR TO DELEPTIN OR PLUE BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT PORRIEGH FOR SUCH STAND REPORTS ON WELLS   1. Type of Well: Oil						
SUNDRY NOTICES AND REPORTS ON WELLS   T. Lease Name or Unit Agreement Name   DONN'T USE THIS FORM FOR PROPOSALS 10 DIKELOR TO A DIFFERENT RESERVOR. USE "APPLICATION FOR REMAIT" FORM C-101) FOR SUCH   REOCRESALS	1220 S. St. Francis Dr., Santa Fe, NM		. 07000	o. State Off & Gas	Lease No.	
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Llano Disposal, LLC   370661		Gas Well Other - PxA W	ell	8. Well Number 1		
3. Address of Operator   P.O. Box 190, Lovington, NM 88260   10. Pool name or Wildcat   BSW; Salado	1	lano Disnosal II C				
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	Conditions of Approval (if any):	111LE		DAT	E	