

**BW - \_\_\_\_\_ 31 \_\_\_\_\_**

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

**2007 - Present**

## Chavez, Carl J, EMNRD

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**From:** David Alvarado <davidal00136@gmail.com>  
**Sent:** Monday, August 19, 2019 2:08 PM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** [EXT] 180 Day Report Schubert 7 Well N0. 1 BW-031  
**Attachments:** Discharge Permit 180 Day 2019 July Report.pdf; 2019 Brine and Fresh Totals.pdf; 2019 Surface Monitoring Plan.pdf

Carl, Here is the 180 day report for H.R.C., Inc for the Shubert 7 Well No. 1 BW-031  
I will have to send the water analysis, Cavern Characterisation Schematics for 2018 and 2019 on different emails  
file is to big.  
David

## Chavez, Carl J, EMNRD

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**From:** Chavez, Carl J, EMNRD  
**Sent:** Wednesday, July 20, 2016 3:26 PM  
**To:** 'David.Alvarado@basicenergyservices.com'; 'gandy2@leaco.net';  
'james@pabservicesinc.com'; 'Jerry@Pyotewatersystems.com';  
'tboone@keyenergy.com'; 'Garymschubert@gmail.com'; 'tony@waternex.com'  
**Cc:** Griswold, Jim, EMNRD; Whitaker, Mark A, EMNRD; Inge, Richard, EMNRD  
**Subject:** New Mexico UIC Class III Brine Well MIT Scheduling with Completion by December 30, 2016

Ladies and Gentlemen:

UIC Class III Brine Wells:

Basic Energy Services: BW-002 (Last MIT: 8/28/2012)  
Gandy Corporation: BW-004 (Last MIT: 10/18/2011) & BW-022 (Last MIT: 10/18/2011)  
Key Energy Services, LLC: BW-028 (Last MIT: 9/10/2010)  
Pyote: BW-027 (MITs on 2-Well System Last MIT: 2/25/2010) & BW-030 (Last MIT: 12/28/2010)  
Standard Energy: BW-008 (Last MIT: 11/16/2010)  
HRC: BW-031 (Last MIT: 8/13/2009)

Good afternoon. It is that time of year again to remind operators that their MITs for this season must be completed by 12/30/2016. The list of permittee names w/ associated brine wells are provided above and as in the past, the OCD District Offices (see information provided below) attempt to schedule MITs logistically based on their busy schedules. You must submit a signed [C-103 Form](#) describing your MIT for OCD District Office approval.

Please contact your OCD District Office (see contact info. below) to schedule your MITs based on the County that your wells reside.

Mark Whitaker ([Hobbs District Office](#))  
Richard Inge ([Artesia District Office](#))

Operators are aware of the annual formation MIT (4-hr @ 300 psig or less depending on historical pressure and TD of well) and every 5-yrs. or after well workover. EPA MIT (30 min. @ 500 psig). Operators need to review well MIT records for the type of MIT it will run this year and inform the OCD District Office of any issues or concerns associated with this season's MIT.

Also, Permittees should review your Discharge Permits for expiration. If your permit has expired or will soon expire, please contact me to discuss your situation(s).

You may access your well information on OCD Online either by API# and/or Permit Number at:

<http://ocdimage.emnrd.state.nm.us/imaging/AEOrderCriteria.aspx> and  
<http://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/Data/Wells.aspx>.

For information on New Mexico's UIC Program and training information, please go to:  
<http://www.emnrd.state.nm.us/OCD/publications.html>.

Please contact me if you have questions. Thank you in advance for your cooperation in this matter.

Carl J. Chavez, CHMM

Environmental Engineer  
Oil Conservation Division- Environmental Bureau  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
Phone: (505) 476-3490  
Main Phone: (505) 476-3440  
Fax: (505) 476-3462  
E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: [www.emnrd.state.nm.us/oed](http://www.emnrd.state.nm.us/oed)

Why not prevent pollution, minimize waste, reduce operation costs, and move forward with the rest of the Nation? To see how, go to “Publications” and “Pollution Prevention” on the OCD Website.

**Chavez, Carl J, EMNRD**

**From:** Chavez, Carl J, EMNRD  
**Sent:** Wednesday, February 20, 2008 12:56 PM  
**To:** 'garymschubert@aol.com'  
**Subject:** RE: BW-31 Single Well Bond \$50,000.00

Gary:

Hi. I need the original bond or a duplicate original from the loan institution. Thanks.

Carl J. Chavez, CHMM  
 New Mexico Energy, Minerals & Natural Resources Dept.  
 Oil Conservation Division, Environmental Bureau  
 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
 Office: (505) 476-3491  
 Fax: (505) 476-3462  
 E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
 Website: <http://www.emnrd.state.nm.us/oed/index.htm>  
 (Pollution Prevention Guidance is under "Publications")

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**From:** garymschubert@aol.com [mailto:garymschubert@aol.com]  
**Sent:** Wednesday, February 20, 2008 11:56 AM  
**To:** Chavez, Carl J, EMNRD  
**Subject:** Re: BW-31 Single Well Bond \$50,000.00

Carl,

I have the original bond. I was delayed because of the influx of requests. Do you want the original or do I send to OCD Bond Counsel?  
 Thanks,

Gary

-----Original Message-----

From: Chavez, Carl J, EMNRD <[CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)>  
 To: garymschubert@aol.com  
 Sent: Wed, 20 Feb 2008 9:52 am  
 Subject: BW-31 Single Well Bond \$50,000.00

Mr. Schubert:

Re: BW-31

HRC INC	Schubert #7	BW- 31	30-025- 36781	N 32 40' 37.02" W 103 5' 3.98"	(UL-J)7- 19S- 39E	Lea	6/22/2011	A	\$;
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2/20/2008

Good morning. I am writing to request the status of receipt of your \$50,000.00 bond for the above UIC Class III Well? OCD records indicate that a bond for the increased Amount of \$50,000.00 was not received on January 1, 2008.

Please have your loan institution send an original or original bond duplicate to my address for our OCD file. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
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Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient (s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

size=2 width="100%" align=center>

More new features than ever. Check out the new [AOL Mail!](#)

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(Pollution Prevention Guidance is under "Publications")

2/20/2008

**Chavez, Carl J, EMNRD**

---

**From:** Chavez, Carl J, EMNRD  
**Sent:** Monday, August 27, 2007 4:38 PM  
**To:** 'garymschubert@aol.com'  
**Cc:** Price, Wayne, EMNRD  
**Subject:** BW-031 Bond Paperwork

Mr. Schubert:

I have received your preliminary bond submittal and it appears to be copies of the correct documentation. Of course, you are aware that the OCD needs a duplicate original or the original bond info. for our file. Also, this bond needs to be replaced with a minimum amount of \$50,000.00 by January 1, 2008. You seemed to be interested in another bond mechanism when we spoke and I provided Mr. David Brooks phone number of (505) 476-3450 in case you had questions on the bond procedures. Dorothy Phillips is also a good resource at (505) 476-3461.

Please contact me if I may assist you further. Thank you.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
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E-mail: [CarlJ.Chavez@state.nm.us](mailto:CarlJ.Chavez@state.nm.us)  
Website: <http://www.emnrd.state.nm.us/oed/index.htm>  
(Pollution Prevention Guidance is under "Publications")

8/27/2007



**Chavez, Carl J, EMNRD**

**From:** Chavez, Carl J, EMNRD  
**Sent:** Friday, August 17, 2007 10:18 AM  
**To:** 'garymschubert@aol.com'  
**Cc:** Hill, Larry, EMNRD; Price, Wayne, EMNRD  
**Subject:** FW: Schubert #7 BW-31 Inquiry

Mr. Schubert:

Thanks for contacting this morning regarding the OCD concerns below. Please find below the status of our concerns based on our conversation this morning:

- 1) You indicate that there is a bond in place and you will work with the loan institution to provide the OCD with a duplicate original of the existing bond by September 4, 2007. Second, you are now aware of the \$50,000.00 minimum bond amount for site restoration and plugging and abandonment of a Class II brine well that is required on or before January 1, 2008.
- 2) You will address the MIT by sending me a date to run a casing test (30 minute) and brine cavern (4 hour) MIT sometime in October, possibly the first week in October 2007. I will work with you on the date.
- 3) Inspection items with Mr. Larry "Buddy" Hill are in the process of being addressed, i.e., a sign, and closure of the drilling pit. If there is anything else on the inspection, Mr. Hill will follow-up with you.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM  
 New Mexico Energy, Minerals & Natural Resources Dept.  
 Oil Conservation Division, Environmental Bureau  
 1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
 Office: (505) 476-3491  
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 (Pollution Prevention Guidance is under "Publications")

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**From:** Chavez, Carl J, EMNRD  
**Sent:** Friday, August 17, 2007 8:36 AM  
**To:** 'garymschubert@aol.com'  
**Cc:** Hill, Larry, EMNRD  
**Subject:** FW: Schubert #7 BW-31 Inquiry

Mr. Schubert:

Good morning. The OCD has some concerns about your brine well operation. Please contact me at your earliest convenience to discuss the bond, MIT, etc. below. Thank you.

Carl J. Chavez, CHMM  
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**From:** Chavez, Carl J, EMNRD  
**Sent:** Friday, August 17, 2007 8:23 AM  
**To:** Hill, Larry, EMNRD  
**Cc:** Price, Wayne, EMNRD  
**Subject:** FW: Schubert #7 BW-31 Inquiry

Hey Buddy. Sorry about not responding any sooner based on your June 2007 request for information on BW-31. The information is now available through OCD on-line and RBDMS.

The well was recently permitted by Ben Stone; however, I notice that there is no bond in our file for the well; consequently, I will be sending a letter out today requesting a minimum bond amount of \$50K for PA and site restoration by September 4, 2007 or require that the well be shut-in and a closure plan be submitted. In addition, I see no MIT information in the file; consequently, I will be requesting a MIT casing and brine cavern test in the letter. If you have surface inspection issues, please send them to me for my letter or feel free to follow-up directly with the operator. Thank you for bringing this well to my attention.

Applicant	Facility	Permit ID	API #	Location	County	Expires	Bond: A= Active or I= Inactive
HRC INC	Schubert #7	BW-31	30-025-36781	(UL-J)7-19S-39E	Lea	6/22/2011	A

8/17/2007

## NOTICE OF PUBLICATION

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge permit application(s) has been submitted to the Director of the Oil Conservation Division, 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(BW-031) – H.R.C. Inc., Mr. Gary Schubert, (505) 393-3194, P.O. Box 5102, Hobbs, New Mexico, 88241 has submitted a discharge plan application for a new in-situ brine extraction well and surface storage facilities. The new brine well and facility will be located in unit letter J of Section 7, Township 19 South, Range 39 East, NMPM, Lea County, New Mexico. Treated effluent water obtained from the city of Hobbs will be injected in the Salado formation at a approximate depth of 2300 feet and brine water will be extracted out of the formation from a depth of approximately 1800 feet with an average total dissolved solids concentration of 300,000 mg/l. H.R.C. INC. proposes to re-enter the Sahara well #1 API#30-025-36781 (Now Schubert7#1) well located 2313 FSL and 2313 FEL of Section 7, Township 19 South, Range 39 East, NMPM, Lea County, New Mexico. Ground water most likely to be affected by any accidental release or discharge is the Ogallala water bearing formation at a depth of approximately 50 feet and has a total dissolved solids content of approximately 800 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of January 2006.

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Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
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**From:** Chavez, Carl J, EMNRD  
**Sent:** Wednesday, June 06, 2007 4:14 PM  
**To:** Chavez, Carl J, EMNRD  
**Cc:** Hill, Larry, EMNRD  
**Subject:** Schubert #7 BW-31 Inquiry

Provide well construction & look for MIT data from file when records get back. Schedule MIT and site inspection. Save photos and inspection items for UIC field visit. Ok.

8/17/2007

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 10th day of January 2006.

Carl J. Chavez, CHMM  
New Mexico Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division, Environmental Bureau  
1220 South St. Francis Dr., Santa Fe, New Mexico 87505  
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**To:** Hill, Larry, EMNRD  
**Cc:** Price, Wayne, EMNRD  
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*CJS / 602-0026*

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Applicant	Facility	Permit ID	API #
HRC INC	Schubert #7	BW-31	30-025-36781

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Save photos and inspection items for UIC field visit. Ok.

8/17/2007

BW-36

H.R.C., Inc.

RECEIVED

2008 JAN 4 PM 2 47

2007 MIT Test

Schubert 7 Well No. 1

API #30-025-36781-00-00

Legal Location: Lot J, Section 7, Township 19-S, Range 39-E

12/13/07

7:35 AM

Shut tubing valve and start triplex pump to raise formation pressure from normal working pressure (200 PSI) to test pressure (310 PSI).

12:00 PM

Turn off triplex pump and shut casing valve to isolate formation pressure @ 310 PSI.

12:15 PM

Install chart recorder to well head  
Open chart recorder to formation (310 PSI), bleed off to 0 PSI, reopen to formation, make ready for test.

12:30 PM

Start timer on chart recorder.  
Set chart recorder to record formation pressure (310 PSI).

4:35 PM

Close casing valve.  
Take off chart from chart recorder.  
Chart shows no pressure drop.  
Well passes 4 hour MIT test.  
(Annual with H2O) as per Carl Chavez, NMOCD.

5:30 PM

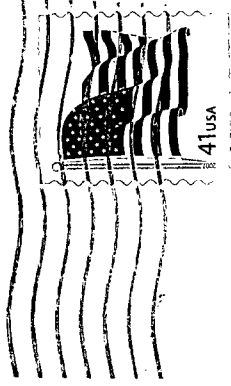
Resume brine water production operations.

MAIL COPY  
TO C. CHAVEZ  
COPY TO  
FILE

H.R.C., Inc.  
P.O. Box 1606  
Hobbs, NM 88241-1606



State of NM OCD  
Mr. Carl J. Chavez  
1220 S. St. Francis Dr  
Santa Fe, NM 87505



27305+4225-33 001

