

BW - __021__

**Plug &
Abandonment**

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, September 29, 2009 11:00 AM
To: 'jrm@pvtnetworks.net'
Cc: Inge, Richard, EMNRD
Subject: FW: C-103 Plug & Abandonment (BW-21) Disposal Well No. 2 (API# 30-015-36119)
Attachments: BW-21 C-103 PA Well No 2 9-29-2009.pdf

Mr. James R. Maloney:

Please find attached the OCD signed C-103 Well No. 2.

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) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Inge, Richard, EMNRD
Sent: Tuesday, September 29, 2009 7:30 AM
To: Chavez, Carl J, EMNRD; Dade, Randy, EMNRD
Subject: RE: C-103 PA BW-21 Disposal Well No. 2 (API# 30-015-36199)

Carl, The location is ok to release. It looks good.

Richard Inge
Compliance Officer
NMCCD - Artesia
Office (575)748-1283x107
Mobile (575)626-0831
E-Mail: richard.inge@state.nm.us

From: Chavez, Carl J, EMNRD
Sent: Wednesday, September 23, 2009 5:57 PM
To: Dade, Randy, EMNRD; Inge, Richard, EMNRD
Subject: C-103 PA BW-21 Disposal Well No. 2 (API# 30-015-36119)

Hey guys:

Could you drive by the BW-21 well location to verify that the operator completed the check-offs on their submitted C-103. I will not send it to the operator until I hear back from you guys. The volume of slurry for the PA is adequate based on my calculations.

Let me know if you can't do it. Also, I can scan the forms into the well folder, etc. 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) 476-3490

Submit One Copy To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 March 18, 2009

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. X30-015-36119
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. X
7. Lease Name or Unit Agreement Name BRINE WELL
8. Well Number 21
9. OGRID Number
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other BRINE WELL SUPPLY

2. Name of Operator
 LOCO HILLS WATER DISPOSAL CO.

3. Address of Operator
 BOX 68 LOCO HILLS NM 88255

4. Well Location
 Unit Letter : feet from the 1453 SOUTH line and 221 feet from the line
 Section 16 Township 17S Range 30E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3667 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		<input checked="" type="checkbox"/> Location is ready for OCD inspection after P&A	

- All pits have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan.
- Rat hole and cellar have been filled and leveled. Cathodic protection holes have been properly abandoned.
- A steel marker at least 4" in diameter and at least 4' above ground level has been set in concrete. It shows the

OPERATOR NAME, LEASE NAME, WELL NUMBER, API NUMBER, QUARTER/QUARTER LOCATION OR UNIT LETTER, SECTION, TOWNSHIP, AND RANGE. ALL INFORMATION HAS BEEN WELDED OR PERMANENTLY STAMPED ON THE MARKER'S SURFACE.

- The location has been leveled as nearly as possible to original ground contour and has been cleared of all junk, trash, flow lines and other production equipment.
- Anchors, dead men, tie downs and risers have been cut off at least two feet below ground level.
- If this is a one-well lease or last remaining well on lease, the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan. All flow lines, production equipment and junk have been removed from lease and well location.
- All metal bolts and other materials have been removed. Portable bases have been removed. (Poured onsite concrete bases do not have to be removed.)
- All other environmental concerns have been addressed as per OCD rules.
- Pipelines and flow lines have been abandoned in accordance with 19.15.35.10 NMAC. All fluids have been removed from non-retrieved flow lines and pipelines.

When all work has been completed, return this form to the appropriate District office to schedule an inspection.

SIGNATURE James R Maloney TITLE VP DATE 7/20/09

TYPE OR PRINT NAME JAMES R MALONEY E-MAIL: JRM@PVTNETWORKS.NET
 PHONE: _____

For State Use Only

APPROVED BY: Carl J Chavez TITLE Env. Engineer DATE 9/29/09
 Conditions of Approval (if any): _____

CEMENT JOB REPORT



CUSTOMER Ray Westall Operating		DATE 07-JUL-09	F.R.# 483310677	SERV. SUPV. RICHARD B ANEZ			
LEASE & WELL NAME LOCO HILLS BRINE # 2		LOCATION		COUNTY-PARISH-BLOCK Eddy New Mexico			
DISTRICT Artesia		DRILLING CONTRACTOR RIG # PULING UNIT		TYPE OF JOB Plug & Abandon			
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES			
NA-P&A		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY Bbl MIX WATER
MATERIALS FURNISHED BY BJ							
C NEAT		150	14.8	1.32	6.32	02:47	35 22.40
FRESH WATER		0	8.34	1	0	00:00	0 0
Available Mix Water 130 Bbl.		Available Displ. Fluid 130 Bbl.		TOTAL			35 22.40
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	GRADE	SHOE
11	0	620	2.875	6.5	TBG	620	J-55
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN	
SIZE	WGT	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	WELL FLUID
7	20	1000	NO PACKER	0	0	0	2.875 8RND FRESH WATER 8.34
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	
0	BELS			0	0	0	RIG
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE							
PRESSURE/RATE DETAIL					EXPLANATION		
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3000 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ	
07:30	0	0	0	0	0	ARRIVE LOC.	
07:31	0	0	0	0	0	SEE CO MAN GET JOB REQUIREMENTS.	
07:40	0	0	0	0	0	CHECK LOC SPOT EQUIP., MEETING RIG UP.	
08:00	0	0	0	0	0	CHECK H2O WHEN ARRIVED.	
08:30	0	0	0	0	0	PRE JOB SAFETY MEETING	
08:50	5000	0	.5	.5	H2O	TEST LINES	
08:53	87	0	2.5	5	BRINE	FLOOD HOLE	
08:55	0	0	0	0	CMT	BATCH AND WEIGH CMT	
09:00	106	0	3	25	CMT	PUMP CMT.	
09:12	0	0	0	0	CMT	SHUT DOWN COME OUT OF HOLE	
09:38	100	0	.5	3	CMT	TOP OFF.	
00:00	0	0	0	0	0	THANK YOU RICHARD AND CREW	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	33	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>Richard Anez</i>



BJ Services Company

FIELD RECEIPT NO. 430910768

CUSTOMER Ray Westall Operating STREET OR BOX NUMBER		CREDIT APPROVAL NO. A43091000371		PURCHASE ORDER NO.		CUSTOMER NUMBER 20094782 - 00236174		INVOICE NUMBER	
MAIL INVOICE TO P.O. BOX 4		CITY Loco Hills		STATE New Mexico		ZIP CODE 86255			
DATE WORK COMPLETED	MO. 07	DAY 07	YEAR 2009	WELL APNO: KEVIN R ORR		WELL TYPE: Old Well			
BJ SERVICES DISTRICT Hobbs Tools		JOB DEPTH(ft) 620		WELL CLASS: Water		GAS USED ON JOB: No Gas			
WELL NAME AND NUMBER Loco Hills Brine #2		TD WELL DEPTH(ft)		JOB TYPE CODE: Service					
WELL LOCATION: LEGAL DESCRIPTION		COUNTY/PARISH Eddy		STATE New Mexico					
PRODUCT CODE	DESCRIPTION			UNIT OF MEASURE	QUANTITY	LIST PRICE UNIT	GROSS AMOUNT	% DISC.	NET AMOUNT
285761	Perm Bridge Plug, 7 in, 5.68 od SUB-TOTAL FOR Product Material			ea	1	3,900.000	3,900.00	50%	1,950.00
R887	Environmental disposal charge -svc tools SUB-TOTAL FOR Service Charges			unit	1	13.050	13.05	0%	13.05
J391	Mileage, Auto, Pick-Up or Treating Van SUB-TOTAL FOR Equipment			miles	45	4.830	217.35	40%	130.41
	FIELD ESTIMATE						4,130.40	49.32%	2,093.46
ARRIVE LOCATION : 07 07 2009 07:45		TIME		SERVICE ORDER: I AUTHORIZE WORK TO BEGIN PER SERVICE INSTRUCTIONS IN ACCORDANCE WITH THE TERMS AND CONDITIONS PRINTED ON THE LAST PAGE OF THIS FORM AND REPRESENT THAT I HAVE AUTHORITY TO ACCEPT AND SIGN THIS ORDER.					
CUSTOMER REP. Don Mathews				CUSTOMER AUTHORIZED AGENT					
SEE LAST PAGE FOR GENERAL TERMS AND CONDITIONS				CUSTOMER AUTHORIZED AGENT					
				BJ SERVICES APPROVED					

SERVICE RECEIPT: I CERTIFY THAT THE MATERIALS AND SERVICES LISTED WERE RECEIVED AND ALL SERVICES PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER AUTHORIZED AGENT

X

X

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Friday, June 19, 2009 8:41 AM
To: 'jrm@pvtnetworks.net'
Cc: VonGonten, Glenn, EMNRD; Carrol, Mary Ellen; 'mmariano@slo.state.mi.us'; Bratcher, Mike, EMNRD
Subject: OCD C-103 Plug and Abandonment Approval Loco Hills Brine Well No. 2 (BW-021) API# 30-015-36119
Attachments: C-103 Preliminary Approval w Conditions 6-19-09.pdf

Mr. Maloney:

Good morning. Please find attached the New Mexico Oil Conservation Division's preliminary approval with Conditions for your C-103 Plug and Abandonment Form dated June 3, 2009.

Please provide notification to the OCD before work is performed to allow the OCD an opportunity to witness the work.

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) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

Submit 3 Copies To Appropriate District Office

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 South Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-36119
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Brine Well
8. Well Number 2
9. OGRID Number 13467
10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3667 GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other Brine Supply

2. Name of Operator
Loco Hills Water Disposal Co.

3. Address of Operator
PO Box 68 Loco Hills, NM 88255

4. Well Location
Unit Letter L : _____ feet from the 1453 line and 221 feet from the _____ line
Section 16 Township 17S Range 30E NMPM Eddy County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE James R Maloney TITLE Vice Pres.
DATE June 3 2009

Type or print name James R. Maloney E-mail address: 575-677-2118 PHONE: _____

For State Use Only

APPROVED BY: Carl J. Chazy TITLE Environmental Engineer DATE 6/19/2009
Conditions of Approval (if any):

See attached conditions of approval.

C-103 Loco Hills Brine Well No. 2 (BW-021)

API# 30-015-36119

Conditions of Approval

06/19/2009

- 1) The cavern (if present due to new well construction) shall be filled with brine water (not fresh water) in advance of plugging operations.
- 2) Cement must be pressure grouted from above the CIBP set within 10 feet of the casing shoe (~ 620 feet) to surface with at least 245 sacks of API Cement.
- 3) Install a plug and abandonment marker.
- 4) A final C-103 Form shall be submitted within 30 days of plug and abandonment of the well with final construction details or specifications.
- 5) The land surface at the site shall be restored to its original condition.