From:

Price, Wayne, EMNRD

Sent:

Friday, October 31, 2008 10:06 AM

To:

Chavez, Carl J, EMNRD

Subject:

FW:

Attachments: kevinocdstuff.tif

From: Shallon Finkbone [mailto:shallon@iandwinc.com]

Sent: Friday, October 31, 2008 9:28 AM

To: Price, Wayne, EMNRD; Chavez, Carl J, EMNRD

Subject:

I was asked by Mr. Kevin Wilson with I&W Inc. to send this to you. If you have any replies please send them to iwcarlsbad@plateautel.net.

Thank you

This inbound email has been scanned by the MessageLabs Email Security System.

Submit 3 Copies To Appropriate District Office	State of New Mexico	Form C-103
District I	Energy, Minerals and Natural Resources	June 19, 2008
1625 N. French Dr., Hobbs, NM 88240	· · · · · · · · · · · · · · · · · · ·	WELL API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	30-0/5-22574
District III	1220 South St. Francis Dr.	5. Indicate Type of Lease STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	6. State Oil & Gas Lease No.
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM	34,7,111	U. State Off the Gas Lease No.
87505		
1	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
	ALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ATION FOR PERMIT! (FORM C-101) FOR SUCH	Eugenie
PROPOSALS)		8. Well Number
1. Type of Well; Oil Well	Gas Well & Other BRINE Supply	
2. Name of Operator	11 1	9. OGRID Number
I+W/	INC.	
3. Address of Operator		10. Pool name or Wildcat
P.O. 150	X 1685, CARISHAD NM 88220	
4. Well Location		
Unit Letter	995 feet from the South line and	feet from the West_line
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4. 1	3126 GL	
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		office
Type or print name KeviN	VISON E-mail address:	PHONE: 575-885-6663
For State Use Only		cell 575-703-2041
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APPROVED BY: Conditions of Approval (if any):	TITLE	DATE
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CEMENT JOB REPORT



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3710 S. FM 303 (808) 229-2087 Sundown, TX 79372



410 East Main (505) 748-1372 Artesia, NM 88210-2173

Date 10/01/2008 18W Inc. Company Man Kevin Company Csg. Size & Wt. Well Name Eugenie No.1 Set 7" C.t.B.P. at 456.0' with 14 joints. Job Description Go to carlabad then turn towards loving to I&W **Directions** yard to location. Length of Tools Tool Type No. 1 7" setting tool 4.11" % Tool Tool Type No. 2 KB Χ/O KBC Tool Type No. 3 Tbg. Grade Tool Type No. 4 SN Tbg. Size Services Description Cost 以及此次,这种是不是一种,这种是一种的,这种是一种,这种是一种,这种是一种的。 Service Man 10/1/2008 550.00 Jts. On Loc. 17 Mileage \$1.25/m 70 Miles r/t \$ 87.50 Jts. In 14 Tailpipe RENTAL 7" setting tool \$ 400.00 RENTAL Jts. Out 3 SALE Bucket of thread dope 55.00 3 \$ sale 7" C.J.B.P. \$ 1,670.00 Average Ţ. Subs Tbg. Tally [1] it bellow pkr **% Tool** 2 Top Pkr. *** 456.0 Sub Total \$ 2,762.50 Btm Pkr. 7.0625% Tax \$ 195.10 BOTT, OF Total \$ 2,957.60 |landing nippl Comments **Old Perfs New Perfs** 0 0 Billing Invoice # Serviceman Jerry Knapp TD 0 Company Rep. **PBTD** 0 Sign AFE# DV/T 0

From: Chavez, Carl J, EMNRD

Sent: Friday, October 10, 2008 10:13 AM

To: 'Kent Gilbert'

Subject: RE: Jims Water Service (BW-5) Closure Plan Request

Kent:

The OCD is not aware of any ground water quality information for the Rustler Formation in the vicinity of BW-005. 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

Website: http://www.emnrd.state.nm.us/ocd/index.htm (Pollution Prevention Guidance is under "Publications")

From: Kent Gilbert [mailto:kgoil@msn.com]
Sent: Friday, October 10, 2008 9:57 AM
To: Chavez, Carl J, EMNRD; sqlass

Collinate DE Time Metan Carrier (DM E) Cl

Subject: RE: Jims Water Service (BW-5) Closure Plan Request

Carl: What is the TDS and Salinity of the Rustler?

Thanks,

Kent

Subject: RE: Jims Water Service (BW-5) Closure Plan Request

Date: Fri, 10 Oct 2008 09:49:54 -0600 From: CarlJ.Chavez@state.nm.us

To: kgoil@msn.com

CC: wayne.price@state.nm.us; Glenn.VonGonten@state.nm.us

Mr. Gilbert:

Yes, we must all be pragmatic and safe on the well locations, but realize that we are attempting to be as close as possible and downgradient to the sinkhole on at least one of the monitor well locations.

Also, I wouldn't expect the water table to be near flat based on the topography of the area. Consequently, the distance between wells would not be expected to be vast in order to determine ground water flow direction across the area of concern. Thank you.

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

Website: http://www.emnrd.state.nm.us/ocd/index.htm (Pollution Prevention Guidance is under 'Publications')

From: Kent Gilbert [mailto:kgoil@msn.com] Sent: Friday, October 10, 2008 9:18 AM

To: Chavez, Carl J, EMNRD

Subject: RE: Jims Water Service (BW-5) Closure Plan Request

Sherry: We will not put monitoring wells inside the fence. I think we agree that it will be too dangerous.

Κ

Subject: FW: Jims Water Service (BW-5) Closure Plan Request

Date: Fri, 10 Oct 2008 08:12:05 -0600 From: CarlJ.Chavez@state.nm.us

To: kgoil@msn.com; dherrera@swwmail.net

CC: wayne.price@state.nm.us; Glenn.VonGonten@state.nm.us

Mr. Gilbert:

Re: Closure Plan and Monitor Well Installation

Please find below OCD requirements for ground water monitoring near the collapsed brine well.

The ground water monitoring program should include at least three monitor wells drilled through the Rustler sand encountered from 225 to 245 feet BGS in BW005. The wells should be surveyed (mean sea level- ground and top of casing), screened completely across this interval (25 - 30 feet screens). From the three wells, Jim's can determine the ground water flow direction and determine if the down gradient (and upgradient well) have been impacted by saturated brine. Ground water shall be analyzed for General Chemistry parameters on a quarterly basis along with static water level measurements from each well in advance of any sampling for one year. OCD recommends a MW near to the collapse feature and east (down dip in likely down gradient direction from hole) of it. The other wells shall be positioned adequately from the collapse feature to triangulate ground water flow direction and to document the hydrogeology across the area of concern.

The wells shall be constructed of galvanized or stainless steel at least two inches in diameter. Monitor wells shall be installed with the air rotary drilling method rather than the hallow-stem auger (HAS) method because HSA will not work below 150 feet below ground level. BW005 was drilled with cable-tools, so the hole wouldn't cave in on them. The monitor well hole proximal to and east of the sinkhole shall be used to calibrate our site conceptual hydrogeologic model (detailed hydrogeologic logging) without coring. The second or third monitor well hole locations shall be cored through the Rustler sand if possible.

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Glenn von Gonten Senior Hydrologist Environmental Bureau Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 505-476-3488 fax -476-3462 glenn.vongonten@state.nm.us

The OCD requires a written proposal for their Sampling and Analysis Plan (SAP) and drilling program within 60 days of receipt of this message or on or before Wednesday, December 10, 2008. Upon the OCD's approval of the SAP, the wells shall be installed within 30 days after the approval date. Please contact Mr. von Gonten or me if you have questions in this matter. Thank you.

Carl J. Chavez, CHMM

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

Website: http://www.emnrd.state.nm.us/ocd/ index.htm (Pollution Prevention Guidance is under 'Publications')

From: Chavez, Carl J, EMNRD

Sent: Thursday, October 09, 2008 8:38 AM

To: 'kgoil@msn.com'

Subject: FW: Jims Water Service (BW-5) Closure Plan Request

Mr. Gilbert:

Please find below the request for a closure plan. The OCD is working to send you some potential locations for at least 3 monitor wells. The OCD will be working with you unless you direct us to another staff person to address remaining issues at the facility. Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM

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Website: http://www.emnrd.state.nm.us/ocd/index.htm (Pollution Prevention Guidance is under 'Publications')

From: Chavez, Carl J, EMNRD

Sent: Monday, October 06, 2008 1:24 PM

To: 'Dimas Herrera'

Cc: Price, Wayne, EMNRD; Gum, Tim, EMNRD

Subject: Jims Water Service (BW-5) Closure Plan Request

Dimas:

Good afternoon. I am writing to follow-up with a request for a closure plan. To review your discharge permit and find information on the closure plan, please go to:

http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV0000BW0006 (see Permits, Renewals & Mods thumbnail).

Condition 23 of the discharge permit:

23. Closure: The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit for OCD approval, a closure plan including a completed C- 103 form for plugging and abandonment of the well(s). Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

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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From: Chavez, Carl J, EMNRD

Sent: Friday, October 10, 2008 9:50 AM

To: 'Kent Gilbert'

Cc: Price, Wayne, EMNRD; VonGonten, Glenn, EMNRD **Subject:** RE: Jims Water Service (BW-5) Closure Plan Request

Mr. Gilbert:

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To: kgoil@msn.com; dherrera@swwmail.net

CC: wayne.price@state.nm.us; Glenn.VonGonten@state.nm.us

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Glenn von Gonten Senior Hydrologist Environmental Bureau Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 505-476-3488 fax -476-3462 glenn.vongonten@state.nm.us

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Office: (505) 476-349⁻ 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")

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Sent: Thursday, October 09, 2008 8:38 AM

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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")

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BW-005

GENERAL CORRESPONDENCE

2008

From: Chavez, Carl J, EMNRD

Sent: Friday, October 10, 2008 8:12 AM

To: 'kgoil@msn.com'; 'Dimas Herrera'

Cc: Price, Wayne, EMNRD; VonGonten, Glenn, EMNRD

Subject: FW: Jims Water Service (BW-5) Closure Plan Request

Mr. Gilbert:

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The ground water monitoring program should include at least three monitor wells drilled through the Rustler sand encountered from 225 to 245 feet BGS in BW005. The wells should be surveyed (mean sea level- ground and top of casing), screened completely across this interval (25 - 30 feet screens). From the three wells, Jim's can determine the ground water flow direction and determine if the down gradient (and upgradient well) have been impacted by saturated brine. Ground water shall be analyzed for General Chemistry parameters on a quarterly basis along with static water level measurements from each well in advance of any sampling for one year. OCD recommends a MW near to the collapse feature and east (down dip in likely down gradient direction from hole) of it. The other wells shall be positioned adequately from the collapse feature to triangulate ground water flow direction and to document the hydrogeology across the area of concern.

The wells shall be constructed of galvanized or stainless steel at least two inches in diameter. Monitor wells shall be installed with the air rotary drilling method rather than the hallow-stem auger (HAS) method because HSA will not work below 150 feet below ground level. BW005 was drilled with cable-tools, so the hole wouldn't cave in on them. The monitor well hole proximal to and east of the sinkhole shall be used to calibrate our site conceptual hydrogeologic model (detailed hydrogeologic logging) without coring. The second or third monitor well hole locations shall be cored through the Rustler sand if possible.

There is a possibility that there is a mounding affect from water in the cavern at the time of the collapse; however, the monitor wells should help to verify over time whether the hole constitutes a point of discharge versus a mound where recharge is occurring and the quality of the ground water. The Rustler Formation has been known to be artesian non-flowing in nature. The Rustler will be a confined aquifer that was described as being gyppy; consequently, it is important to determine the background water quality from a well located some distance from the sinkhole. Other wells preliminarily assessed in this section revealed only a well in UL "K, which mentioned the Rustler sand, but does not note that any water was present. However, in the BW-005 well log, the Rustler was described as a "water sand."

Glenn von Gonten Senior Hydrologist Environmental Bureau Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 505-476-3488 fax -476-3462 glenn.vongonten@state.nm.us

The OCD requires a written proposal for their Sampling and Analysis Plan (SAP) and drilling program within 60 days of receipt of this message or on or before Wednesday, December 10, 2008. Upon the OCD's approval of the SAP, the wells shall be installed within 30 days after the approval date. Please contact Mr. von Gonten or me if you have questions in this matter. 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 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: Chavez, Carl J, EMNRD

Sent: Thursday, October 09, 2008 8:38 AM

To: 'kgoil@msn.com'

Subject: FW: Jims Water Service (BW-5) Closure Plan Request

Mr. Gilbert:

Please find below the request for a closure plan. The OCD is working to send you some potential locations for at least 3 monitor wells. The OCD will be working with you unless you direct us to another staff person to address remaining issues at the facility. Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM

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Website: http://www.emnrd.state.nm.us/ocd/index.htm (Pollution Prevention Guidance is under "Publications")

From: Chavez, Carl J, EMNRD

Sent: Monday, October 06, 2008 1:24 PM

To: 'Dimas Herrera'

Cc: Price, Wayne, EMNRD; Gum, Tim, EMNRD

Subject: Jims Water Service (BW-5) Closure Plan Request

Dimas:

Good afternoon. I am writing to follow-up with a request for a closure plan. To review your discharge permit and find information on the closure plan, please go to:

http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV0000BW0006 (see Permits, Renewals & Mods thumbnail).

Condition 23 of the discharge permit:

23. Closure: The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit for OCD approval, a closure plan including a completed C- 103 form for plugging and abandonment of the well(s). Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

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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Website: http://www.emnrd.state.nm.us/ocd/index.htm
(Pollution Prevention Guidance is under "Publications")

From:

Chavez, Carl J, EMNRD

Sent:

Thursday, October 09, 2008 8:54 AM

To:

'kgoil@msn.com'

Cc:

Price, Wayne, EMNRD

Subject:

Jims Water Service (BW-5)

Attachments: BW Form 2008_08_01_08 final.doc

Mr. Gilbert:

Re:

JIMS WATER	JIMS WATER	BW-5	30-015-	(UL-J)24-	Eddy
SERVICE	SERVICE (State 24		02036	18S-28E	j
	Well #1) -LOCO			'	
	HILLS				

Good morning. The New Mexico Oil Conservation Division (NMOCD) is writing to request brine well information (see attached information request information) for BW-5. The NMOCD realizes that some of the answers to the questions will be "n/a".

The information is crucial to the NMOCD's EPA Underground Injection Control Program evaluation of potential public health threats from brine wells in New Mexico. Please submit the information for the above listed well by October 22, 2008.

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

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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Website: http://www.emnrd.state.nm.us/ocd/index.htm (Pollution Prevention Guidance is under "Publications")

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Subject: Jims Water Service (BW-5) Closure Plan Request

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Thank you.

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VonGonten, Glenn, EMNRD

From: Price, Wayne, EMNRD

Sent: Tuesday, August 26, 2008 3:48 PM

To: VonGonten, Glenn, EMNRD

Subject: FW: Jims Waster Service (BW-5) Collapse Site Visit 8/21/2008

Please put in file

From: Chavez, Carl J, EMNRD

Sent: Friday, August 22, 2008 4:54 PM

To: Price, Wayne, EMNRD

Cc: Griswold, Jim, EMNRD; Hansen, Edward J., EMNRD; Jones, Brad A., EMNRD; Lowe, Leonard, EMNRD

Subject: Jims Waster Service (BW-5) Collapse Site Visit 8/21/2008

Wayne, et. al:

I visited the site Thursday morning at 6:30 a.m. The gate was triple locked and the fence line was secure. No vandalism was observed. The collapse is more visible from CR-217 along the SE perimeter of the hole.







Please contact me if you have questions. 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

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