

GW - 004

**GENERAL
CORRESPONDENCE**

2013



Kegan W. Boyer, P.G.
Project Manager

Upstream Business Unit
Environmental Management
Company
1400 Smith Street
Room 07076
Houston, Texas 77002
Tel 713-372-7705
kegan.boyer@chevron.com

August 8, 2013

Mr. Glenn von Gonten
Senior Hydrologist
Environmental Bureau
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Via Certified Mail

Re: Former Chevron North Eunice Gas Plant
Discharge Permit GW-004
Monitor Well Plugging Report for MW-22A

RECEIVED OGD
2013 AUG 12 P 2:59

Dear Mr. Von Gonten,

As Operator of the remediation program at the Former Chevron North Eunice Gas Plant, Chevron Environmental Management Company (CEMC) is submitting this well plugging and abandonment (P&A) report as requested by the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department (NMOCD) and in accordance with Discharge Permit GW-004 for the above-referenced site.

CEMC plugged and abandoned Monitor Well MW-22A on July 12, 2013 at the request of the current facility operator, Targa Resources, and with concurrence from the NMOCD, to allow for construction of two new compressors at the facility.

The attached letter report, prepared by Mr. Mike Wisniowiecki of Conestoga-Rovers & Associates (CRA) and dated August 6, 2013, documents the plugging of Monitor Well MW-22A and provides the driller's plugging report.

Chevron appreciates your continued support of our remediation efforts at the Former North Eunice Gas Plant. Should you have any questions, please do not hesitate to contact me by phone at 713-372-7705 or via e-mail at kegan.boyer@chevron.com.

Sincerely,

Kegan W. Boyer, P.G.
Environmental Project Manager

cc: Mike Wisniowiecki, CRA



**CONESTOGA-ROVERS
& ASSOCIATES**

6320 Rothway, Suite 100, Houston, Texas 77040
Telephone: (713) 734-3090 Fax: (713) 734-3391
<http://www.craworld.com>

August 6, 2013

Reference No. 073018

Delivered Via Electronic Mail

Mr. Kegan W. Boyer
Chevron Environmental Management Company
1400 Smith Street, Room 07086
Houston, TX 77002

**RE: Well Plugging Report – MW-22A
Eunice North Gas Plant (ENGP)
Lea County, New Mexico**

Dear Mr. Boyer:

Conestoga-Rovers & Associates (CRA) is pleased to provide Chevron Environmental Management Company (CEMC) this well plugging and abandonment (P&A) record as required by the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department (NMOCD) Discharge Permit GW-004, for the former Chevron Eunice North facility. CEMC was informed on July 9, 2013 by the operator of the facility, Targa Resources, that they planned to construct two new compressors along the northern facility boundary within a short time frame. Monitor well MW-22A, located along the north facility boundary, was located within the planned footprint of these new compressors and needed to be removed to facilitate the installation of the compressors. Targa had requested that CEMC remove well MW-22A in an expeditious manner to avoid interference with their planned construction. CEMC had a drilling crew onsite at the Former North Eunice Gas Plant conducting soil boring activities during the week of July 8, 2013. To ensure that the well was properly plugged and abandoned, and to avoid the potential for the well to be destroyed without proper plugging during construction activities, CRA notified Mr. Glenn VonGonten of NMOCD in a phone conversation on July 10, 2013 regarding the need to remove the well.

Permit Condition 2.G.3 (GW-004) specifies that the "Owner/Operator shall request by certified mail" approval to P&A a monitor well. After reviewing the 2012 Annual Groundwater Monitoring Report, NMOCD concluded on July 11, 2013 that MW-22A was a non-essential monitor well and could be abandoned in accordance with Office of State Engineer procedures. NMOCD also concluded that a replacement monitor well was not necessary. NMOCD conditionally approved Chevron's request to P&A MW-22A because of Targa's plan to install a new compressor(s) at this location. The approval was conditional, contingent upon Chevron's submittal of a formal request by certified mail. CEMC submitted a certified mail letter to

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ENGINEERING DESIGN



**CONESTOGA-ROVERS
& ASSOCIATES**

August 6, 2013

- 2 -

Reference No. 073018

NMOCD requesting permission to P&A well MW-22 on July 11, 2013. Well MW-22A was subsequently plugged and abandoned on July 12, 2013 with the available drill crew currently on-site. A formal well P&A approval letter was later sent by NMOCD to CEMC on July 16, 2013. As required within 30 days of the NMOCD approval letter, a copy of the Plugging Record for well MW-22A is attached for submission by CEMC to NMOCD.

If you have any questions, please contact us at 713-734-3090.

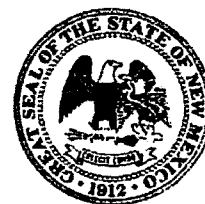
Respectfully,
Conestoga-Rovers & Associates

Michael J. Wisniowiecki
Senior Project Manager

Attachment:
MW-22A Well Record



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: MW-22A
Well owner: Chevron Environmental Mgmt. Co. Phone No.: _____
Mailing address: 1400 Smith St., Room _____
City: Houston State: Texas Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: White Drilling Company, Inc.
- 2) New Mexico Well Driller License No.: WD-1456 Expiration Date: 9/30/2014
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): William Atkins
- 4) Date well plugging began: 7/12/13 Date well plugging concluded: 7/12/13
- 5) GPS Well Location: Latitude: 32 deg, 27 min, 05.6 sec
Longitude: 103 deg, 09 min, 43.8 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 102.5 ft below ground level (bgl),
by the following manner: tape measure
- 7) Static water level measured at initiation of plugging: 48.5 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/16/13
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe
differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft hgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0.0	cement w/portland bentonite mix	64.0	66.912	pump mix	w/tremmie pipe

III. SIGNATURE:

I, John W. White, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

Date _____

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



July 16, 2013

Mr. Kegan W. Boyer
Environmental Project Manager
Chevron Environmental Management Company
1400 Smith Street
Room 07076
Houston, Texas 77002

**Re: Former Chevron North Eunice Gas Plant
Discharge Permit GW-004
UL "J", Section 28, Township 21 South, Range 37 East, NMPM,
Lea County, New Mexico.
GW-004**

Dear Mr. Boyer:

The Oil Conservation Division (OCD) has reviewed Chevron Environmental Management Company's (CEMC) request of July 11, 2013 to plug and abandon (P&A) monitor well MW-22A because of the addition of two new compressors by Targa, who operates a compressor station at this site.

OCD hereby approves CEMC's request. Please provide a report that documents the P&A activities within 30 days of your receipt of OCD's approval, pursuant to Permit Condition 2.G.3.

If you have any questions, please contact me at 505-476-3488.

Sincerely,

Glenn von Gonten
Senior Hydrologist

GvG/gvg



Kegan W. Boyer, P.G.
Project Manager

Upstream Business Unit
Environmental Management
Company
1400 Smith Street
Room 07076
Houston, Texas 77002
Tel 713-372-7705
kegan.boyer@chevron.com

July 11, 2013

Mr. Glenn von Gonten
Senior Hydrologist
Environmental Bureau
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Via Certified Mail

7013 0600 0401 7631 5035

Re: Former Chevron North Eunice Gas Plant
Discharge Permit GW-004
Proposed Monitor Well Plugging

Dear Mr. Von Gonten,

As Operator of the remediation program at the Former Chevron North Eunice Gas Plant, Chevron Environmental Management Company (CEMC), is submitting this well plugging and abandonment (P&A) request as required by the Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department (NMOCD) Discharge Permit GW-004 for the above-referenced site. This request is pursuant to Permit Condition 2.G.3 (GW-004) that specifies that the 'Owner/Operator shall request [approval] by certified mail'.

CEMC was recently informed that the operator of the facility, Targa Resources, plans to construct two new compressors at the facility within a short time frame. Monitor well MW-22A, located along the northern facility boundary, is within the planned footprint of these new compressors and must be removed to facilitate the installation of the compressors. Targa has requested that CEMC remove well MW-22A in an expeditious manner to avoid interference with their planned construction.

This well is a deep zone monitor well and had a hexavalent chromium concentration of 0.058 milligrams per liter (mg/L) in October 2012, just above the New Mexico Water Quality Control Commission (NMWQCC) Standard (20.6.2.3103.A) of 0.050 mg/L, with all other analyzed constituents at concentrations below NMWQCC standards. Hexavalent chromium concentrations in this well have been below NMWQCC standards in two of the prior four semi-annual monitoring events. Although well MW-22A must be removed, deep zone hexavalent chromium concentrations are adequately monitored in nearby wells MW-002A, MW-024A, and MW-046A that are located within approximately 200 ft to 400 ft from the location of MW-22A.

As of the date of this letter, CEMC currently has a drilling crew onsite at the Former North Eunice Gas Plant conducting soil boring activities. This drill crew has the capability to plug and abandon MW-22A. Due to resource limitations in the Permian Basin area, a licensed driller may not be available again to plug and abandon MW-22A in

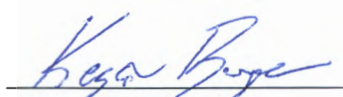
July 11, 2013

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advance of Targa's planned compressor installation. To ensure that the well is properly plugged and abandoned, and to avoid the potential for the well to be destroyed without proper plugging during construction activities, Chevron plans to initiate plugging of the well on July 12 or July 13, 2013 with the available drill crew currently on-site in accordance with your conditional approval provided in an e-mail communication to Mr. Mike Wisniowiecki of Conestoga-Rovers & Associates (CRA) on July 11, 2013.

Chevron appreciates your continued support of our remediation efforts at the Former North Eunice Gas Plant. Should you have any questions, please do not hesitate to contact me by phone at 713-372-7705 or via e-mail at kegan.boyer@chevron.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kegan Boyer", is written over a horizontal line.

Kegan W. Boyer, P.G.
Environmental Project Manager

cc: Mike Wisniowiecki, CRA

RECEIVED OCD
2013 JUL 15 P 2:16