

**GW-22**

# **Questionnaire**

**DATE:**

07.2011

9W-22



July 14, 2011

FEDEX AIRBILL: 8693 8131 1469  
VIA EMAIL: Glenn.VonGonten@state.nm.us

SCANNED

Mr. Glenn Von Gonten  
Acting Bureau Chief  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**Re: Revised Oil and Gas Facilities Questionnaire for Determination of a WQCC Discharge Permit,  
Frontier Field Services, LLC, Empire Abo Gas Plant, Unit I (NE/4, SE/4), Section 3, Township 18 South, Range 27  
East, Eddy County, New Mexico**

Dear Mr. Von Gonten:

Larson & Associates, Inc. (LAI), on behalf of Frontier Field Services, LLC (Frontier) submits the enclosed revised questionnaire for determination of a WQCC discharge permit for the Empire Abo Gas Plant located in Unit I (NE/4, SE/4), Section 3, Township 18 South, Range 27 East in Eddy County, New Mexico. The questionnaire is revised to include catchments beneath the compressor engines that may be defined as sumps exceeding 500 gallon capacity. Please contact Mr. David Harris, Plant Manager, at (575) 677-5117 or myself at (432) 687-0901, if you have questions.

Respectfully Submitted,  
*Larson & Associates, Inc.*

Mark J. Larson, P.G.  
Sr. Project Manager/President  
[mark@laenvironmental.com](mailto:mark@laenvironmental.com)

cc: David Harris – Frontier  
John Prentiss – Frontier  
David Feather – Frontier

Encl.



# New Mexico Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**John H. Bemis**  
Cabinet Secretary-Designate

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

**Jami Bailey**  
Division Director  
Oil Conservation Division



May 12, 2011

## Oil & Gas Facilities Questionnaire for Determination of a WQCC Discharge Permit

Only Water Quality Control Commission- regulated systems will be incorporated into the OCD's WQCC Permits, while OCD regulated systems will be handled under separate permit(s). A current discharge permit is valid until its normal expiration date or November 15, 2012, whichever is later. All facilities with processes subject to the Water Quality Act must have permits in place by November 16, 2012. H2S Contingency Plans; pits, ponds, above and/or below-grade tanks; waste treatment, storage and disposal; and landfarms and landfills may require separate permitting under the OCD Oil, Gas, and Geothermal regulations.

*Proper completion and timely submission of this questionnaire is requested for all facilities with discharge permit expiration dates before November 15, 2012. Please complete and submit a separate questionnaire for each facility before July 15, 2011.*

• **Name of the owner or operator of the facility**

Frontier Field Services, LLC

• **Point of contact**

Name David Harris, Plant Manager  
Telephone (575) 677-5117  
Email dharris@frontierfieldservices.com  
Mailing address P.O. Drawer 70, Artesia, New Mexico 88211

• **Facility name** Empire Abo Gas Plant

• **Facility location**

Unit Letter, Section, Township, Range Unit I, Section 3, T.18S., R.27E.  
Street address (if any) 257 Empire Road, Artesia, New Mexico 88210

- **Facility type**
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Refinery               | <input checked="" type="checkbox"/> Gas Plant | <input type="checkbox"/> Compressor      |
| <input type="checkbox"/> Crude Oil Pump Station | <input type="checkbox"/> Injection Well       | <input type="checkbox"/> Service Company |
| <input type="checkbox"/> Geothermal             | <input type="checkbox"/> Abatement            |  |
| <input type="checkbox"/> Other (describe) _____ |   |  |

• **Current and Past Operations (please check all that apply)**

- |  |  |                                     |
|--|--|-------------------------------------|
| <input type="checkbox"/> Impoundments  | <input type="checkbox"/> Treatment Plant | <input type="checkbox"/> Waterflood |
| <input type="checkbox"/> Disposal Well | <input type="checkbox"/> Brine Well      | <input type="checkbox"/> Wash Bay   |

Steam Cleaning       Groundwater Remediation (past)

• Facility Status       Active       Idle       Closed

• Does this facility currently have a discharge permit?       Yes       No

If so, what is the permit number?      GW-022

• Are there any routine activities at the facility which intentionally result in materials other than potable water being released either onto the ground or directly into surface or ground water?

(This includes process activities, equipment maintenance, or the cleanup of historic spills.)

Yes       No

If so, describe those activities including the materials involved, the frequency of discharge, and the estimated volume per discharge event.

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• What is the depth below surface to shallowest ground water in the area?      8 feet

• Are there any water supply, groundwater monitoring, or recovery wells at the facility?

Water supply       Monitoring       Recovery

If these wells are registered with the Office of the State Engineer (OSE), what are the OSE well numbers? \_\_\_\_\_

• Are abatement actions ongoing?      No

• Are there any active or inactive UIC wells present as part of the federal Underground Injection Control program associated with this facility?       Yes       No

If so, what are the API numbers assigned to those wells?

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• Are there any sumps at the facility?       Yes       No

Number of sumps with volume less than 500 gallons      2

Use and contents flare (hydrocarbons) and drain (hydrocarbons and water)

Is secondary containment incorporated into the design?       Yes       No

Number of sumps with volume greater than 500 gallons      12

Use and contents Compressor engine leaks and water

Is secondary containment incorporated into the design?       Yes       No

- Does the facility incorporate any underground lines other than electrical conduits, freshwater, natural gas for heating, or sanitary sewers?  Yes  No

If so, what do those buried lines contain?

inlet-residue gas pipelines (natural gas), scrubber drain lines (hydrocarbons, water), drain lines (product, water, hydrocarbons)

**THIS FORM IS DUE TO THE OIL CONSERVATION DIVISION BY JULY 15, 2011.**

Questions? Please contact Glenn VonGonten at 505-476-3488 or Carl Chavez at 505-476-3490.

Thank you for your cooperation.

**JAMI BAILEY**  
Director