

**GW-6**

**Questionnaire**

**DATE:  
2011**



# 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 landfills 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**

El Paso Natural Gas Company

• **Point of contact**

Name Glen Thompson  
Telephone (432) 333-5518  
Email glen.thompson@elpaso.com  
Mailing address 1550 Windway, Odessa, TX 79761

• **Facility name** Washington Ranch Gas Storage Facility

**Facility location** SW 1/4 SE 1/4 Section 34 Township 25S  
Unit Letter, Section, Township, Range Range 24E (Eddy County, NM)  
Street address (if any) 493 Washington Ranch Road, Carlsbad, NM 88220

- **Facility type**
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Refinery   | <input 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 checked="" type="checkbox"/> Other (describe) <u>Gas Storage Facility is used to inject and withdraw natural gas into formational storage.</u> |   |  |

- **Current and Past Operations** (please check all that apply)
- |  |  |                                     |
|--|--|-------------------------------------|
| <input checked="" 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

• **Facility Status**     Active     Idle     Closed

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

If so, what is the permit number? GW-006

• **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?** 70 ft. approx.

• **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? C00425A

• **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 None

Use and contents \_\_\_\_\_

Is secondary containment incorporated into the design?  Yes     No

Number of sumps with volume greater than 500 gallons One

Use and contents \_\_\_\_\_

Is secondary containment incorporated into the design?  Yes     No

Modifications to the single-wall sump are in progress. When completed, sump will be a double-wall tank with interstitial monitoring.

- 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?

Used oil and wash water, lube oil, ethylene glycol, tri-ethylene glycol,  
raw water, formation water, scrubber blow down

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**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