

Ezeanyim, Richard, EMNRD

From: Maunder, Susan B <Susan.B.Maunder@conocophillips.com>
Sent: Tuesday, May 21, 2013 10:45 AM
To: Ezeanyim, Richard, EMNRD
Cc: Choi, Simon; Franco, Alva
Subject: Requested VGEU Injection Well Data
Attachments: Injection Well Data Sheet002-21W _2_.pdf; VGEU Injection Well Data Sheets.pdf; VGEU 05-03 current WBD.pdf; VGEU 002-21 WBD rev 5-16-13.pdf; 5-20-13 Copy of Attach 3 Tabulation of Data.pdf

Mr. Ezeanyim,
Good morning. Hope your week is off to a good start. ConocoPhillips Company has completed our additional review of injection well records and offer the following documents to complete our final C-108 package.

Updated Injection Well Data Sheets
Updated Wellbore Diagram for VGEU 005-03 (30-025-20829) ✓
Updated Wellbore Diagram for VGEU 002-21 (30-025-37851) ✓
Updated Tabulation of Data

This should be all of the information you requested during your conversation with Mr. Choi. If there is additional information needed, please let us know. Thank you for your time in reviewing our application for authorization to inject.

All the best to you,
Susan Maunder
432-688-6913

INJECTION WELL DATA SHEETOPERATOR: ConocoPhillips CompanyWELL NAME & NUMBER: Vacuum Glorieta East Unit (VGEU) 002-21W API # 30-025-37851WELL LOCATION: 525' E and 1200' N; UL A, Sec. 32, T17S, R35E

FOOTAGE LOCATION

UNIT LETTER

SECTION

TOWNSHIP

RANGE

WELLBORE SCHEMATIC**WELL CONSTRUCTION DATA**Surface CasingHole Size: 12.25"Casing Size: 8.625"Cemented with: 620 sx lead & sx.or 230 sx tail slurry ft³230 sx tail slurryTop of Cement: SurfaceMethod Determined: CirculatedIntermediate Casing

Hole Size: _____

Casing Size: _____

Cemented with: _____sx.

or _____ft³

Top of Cement: _____

Method Determined: _____

Production CasingHole Size: 7.875"Casing Size: 5.5"Cemented with: 1200 sx lead & sx.or _____ft³500 sx tail slurryTop of Cement: SurfaceMethod Determined: CirculatedTotal Depth: 6345' TVD

Injection Interval

5926'-6101'current perf's 6038' feet to 6085"

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2.375" Lining Material: IPCType of Packer: 5.5 x 2.75 carbide slips NPPacker Setting Depth: 6006' (bottom of packer)

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Paddock; Glorieta

3. Name of Field or Pool (if applicable): Vacuum Glorieta

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. perf's 6156'-6164' squeezed w/ 7' sx; perf's 6138' - 6148' squeezed w/ 7' sx; perf's 6088' - 6104' squeezed w/ 7' sx

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: Grayburg; San Andres; Yates

