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- (71) **Applicant (for all designated States except US):**
CHEVRON U.S.A. INC. [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **STELTING, Charles E.** [US/US]; 8918 Helena Bend, Missouri City, TX 77459 (US). **SCHWELLER, William J.** [US/US]; 820 Appaloosa Drive, Walnut Creek, CA 94596 (US). **COREA, William C.** [US/US]; 9820 Del Mar Drive, San

Ramon, CA 94583 (US). **CRANE, William H.** [US/US]; 2136 Promontory Circle, San Ramon, CA 94583 (US). **GOGGIN, Lisa R.** [US/US]; 810 Bent Knoll Court, Sugar Land, TX 77459 (US).

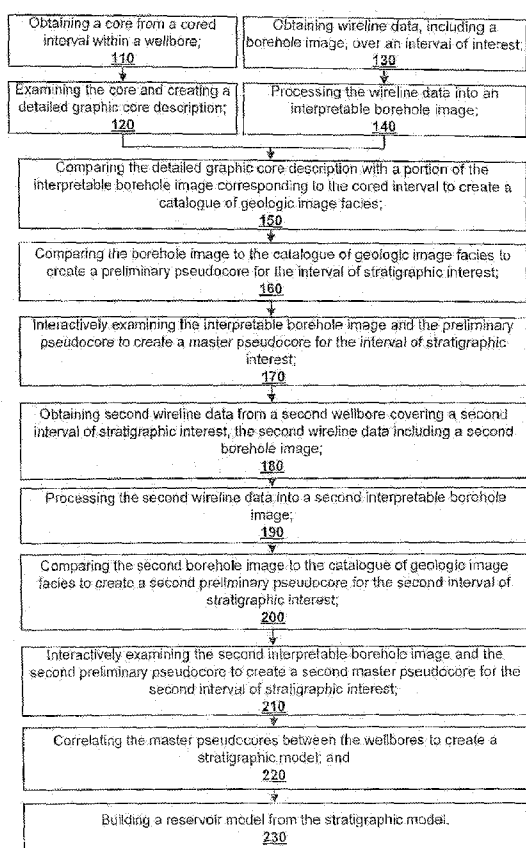
(74) **Agents:** **TEIXEIRA, Maurice** et al.; Chevron Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583 (US).

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(54) **Title:** METHOD FOR CREATING A STRATIGRAPHIC MODEL USING PSEUDOCORES CREATED FROM BOREHOLE IMAGES



(57) **Abstract:** A method for creating a stratigraphic model is provided. A core is obtained from a wellbore and a detailed graphic core description is created. Wireline data, including a borehole image, is obtained for a cored interval corresponding to the core and processed into an interpretable borehole image. The core description is compared with the interpretable borehole image to create a catalogue of geologic image facies. The borehole image from the entire interval of interest is compared to the catalogue to create a preliminary pseudocore description. The interpretable borehole image is interactively examined and compared with the preliminary pseudocore description to create a master pseudocore interpretation. A second master pseudocore is developed for a second wellbore. A stratigraphic model, and subsequently a reservoir model, may then be created by correlating between the master pseudocores of the first and second wellbores.



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