US008640772B2

(12) **United States Patent**
Bour et al.

(10) **Patent No.: US 8,640,772 B2**
(45) **Date of Patent: *Feb. 4, 2014**

(54) **ENHANCED GEOTHERMAL SYSTEMS AND RESERVOIR OPTIMIZATION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **13/603,410**

(22) Filed: **Sep. 4, 2012**

(65) **Prior Publication Data**

US 2013/0056198 A1 Mar. 7, 2013

Related U.S. Application Data

(63) Continuation of application No. 12/499,012, filed on Jul. 7, 2009, now Pat. No. 8,272,437.

(60) Provisional application No. 61/078,682, filed on Jul. 7, 2008, provisional application No. 61/078,686, filed on Jul. 7, 2008, provisional application No. 61/087,332, filed on Aug. 8, 2008, provisional application No. 61/087,342, filed on Aug. 8, 2008, provisional application No. 61/102,644, filed on Oct. 3, 2008, provisional application No. 61/154,077, filed on Feb. 20, 2009.

(51) **Int. Cl.**

E21B 43/26	(2006.01)
E21B 47/06	(2012.01)
E21B 47/10	(2012.01)

(52) **U.S. Cl.**
USPC **166/250.07**; 166/222; 166/250.01; 166/250.1; 166/281; 166/294; 166/308.1

(58) **Field of Classification Search**
USPC 166/66, 177.5, 222, 250.01, 250.07, 166/250.1, 250.17, 281, 283, 285, 292, 294, 166/298, 300, 303, 308.1; 73/152.29
See application file for complete search history.

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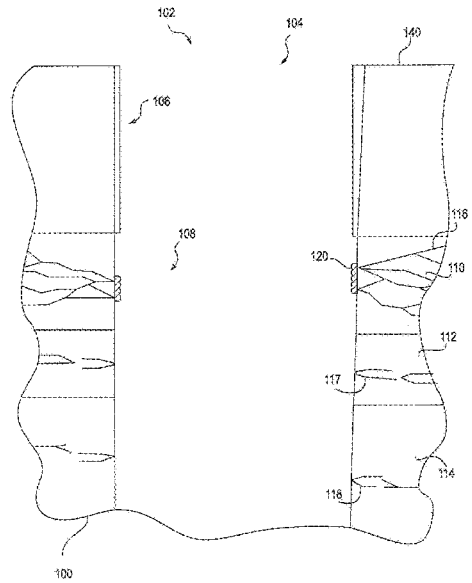
(57) **ABSTRACT**

Systems and methods for maximizing energy recovery from a subterranean formation are herein disclosed. According to one embodiment, a selected subterranean open-hole interval is isolated and at least one fracture is stimulated in the isolated subterranean open-hole interval.

19 Claims, 10 Drawing Sheets