

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau



(10) International Publication Number
WO 2012/155248 A8

(43) International Publication Date
22 November 2012 (22.11.2012)

- (51) International Patent Classification:
E21B 43/30 (2006.01) *E21B 43/25* (2006.01)
E21B 43/20 (2006.01)
- (21) International Application Number:
PCT/CA2012/000465
- (22) International Filing Date:
15 May 2012 (15.05.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/487,770 19 May 2011 (19.05.2011) US
13/371,729 13 February 2012 (13.02.2012) US
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awa, Ontario K1R 0A5 (CA).
- (81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,

DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

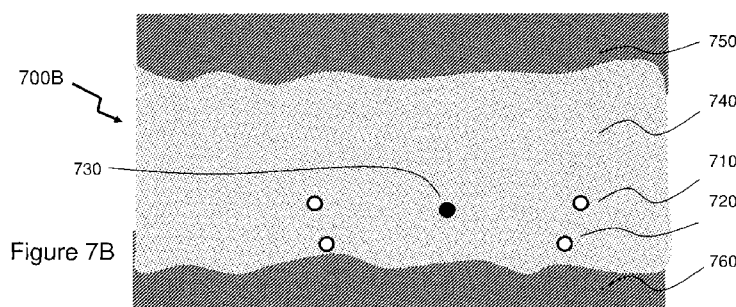
Published:

— with international search report (Art. 21(3))

- (48) Date of publication of this corrected version:
16 January 2014

- (15) Information about Correction:
see Notice of 16 January 2014

(54) Title: PRESSURE ASSISTED OIL RECOVERY



(57) Abstract: The present invention is directed to second stage oil recovery and more specifically to exploiting pressure gradients in oil recovery. According to embodiments of the invention pressure differentials are exploited to advance production of wells, and just the evolution of the depletion chambers formed laterally between laterally spaced wells to increase the oil recovery percentage, and provide recovery in deeper reservoirs. In accordance with embodiments of the present invention, two or more well pairs are provided, each well pair comprises two wells which are offset vertically and laterally one to the other, and a third well is provided between the two well pairs. The wells corresponding to each well pair are either parallel or not. The deepest well in each well pair is mainly used for production, the other one is mainly used for steam or other gases injection. The third well is used as a pressure well which increases the pressure gradient through the oil bearing structure thereby providing fluid displacement towards the well pairs.