

5.1 RockSeal™ II Open Hole Packer Series

5.1.1 Description

The RockSeal II packer is a first for the oil and gas industry. The packer is a double element, solid body packer with *Rock-Solid* sealing and holding power. It combines the sealing strength of a mechanical element along with the setting force of a dual-piston setting cylinder and mechanical body-lock system. The RockSeal II packer has a specially designed multi-piece elastomer with the largest possible cross section to provide excellent expansion ratios to set in oversized holes. The packing element also contains a special backup system that provides a solid pack-off, even with borehole ovality.

The RockSeal II packer provides minimum running diameters for any given size, and is short in length, yet, long enough to provide a formation packer span of nearly 4 feet (1.2 meters) to provide maximum protection from flow, through the formation, and around the packer. The packer body has a reduced mid-section to promote running through any unconformity or undulations created during drilling. The elastomers are protected when running by oversized packing element back-up rings.

Finally, the packer is designed with an anti-preset feature standard on the RockSeal II. This feature allows the tool to be pushed through tight spots in the well without pre-setting or shearing the packer. When it is time to pull, the RockSeal II packer is released with straight pull. Releasing forces can be reduced by pressuring the tubing string during the releasing operation.

5.1.2 Features

- Dual multi-piece packing element
- Maximum expansion ratios
- Anti-pre-set feature designed into each tool
- Minimum running O.D.
- Available in sour service trim versions
- Adjustable setting and releasing forces

5.1.3 Applications

Water shut-off

**WEATHERFORD
INTERNATIONAL,
LLC, et al.**

EXHIBIT 1022

**WEATHERFORD
INTERNATIONAL,
LLC, et al.**

v.

**PACKERS PLUS
ENERGY SERVICES,
INC.**

Gas shut-off
Production control
Formation fracture isolation
Build section isolation
Production testing
Vertical or horizontal open hole completions
Isolation of a horizontal build section

For More Information, Please Email us at info@packersplus.com

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16698 U.S. PTO
041305

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	45023-18
First Inventor	FEHR
Title	Method and apparatus for wellbore
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 26]
Both the claims and abstract must start on a new page
(For information on the preferred arrangement, see MPEP 608.01(a))
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
5. Oath or Declaration [Total Sheets 3]
 - a. Newly executed (original or copy)
 - b. A copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
 - Landscape Table on CD
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, items a. - c. are required)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ADDRESS TO: Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
Name of Assignee Packers Plus Energy Services Inc.
10. 37 CFR 3.73(b) Statement (when there is an assignee) Power of Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (PTO/SB/08 or PTO-1449)
 Copies of citations attached
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/299,004.....

Prior application information: Examiner Thompson, Kenneth L. Art Unit: 3679

19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: 23971 OR Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Signature		Date	<u>April 6, 2005</u>
Name (Print/Type)	<u>Roseann B. Caldwell</u>	Registration No. (Attorney/Agent)	<u>37,077</u>

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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041305

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT		(\$)	
		650.00	

Complete if Known	
Application Number	div of 10/299,004
Filing Date	herewith
First Named Inventor	Fehr
Examiner Name	not yet known
Art Unit	
Attorney Docket No.	45023-18

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	500.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES *After Preliminary Amendment*

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	(25) x 6
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
26	6	25	150.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
2	0		0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
				0

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)
0

Other (e.g., late filing surcharge): 0

SUBMITTED BY

Signature	<i>Roseann B. Caldwell</i>	Registration No. 37,077	Telephone 403 298 3661
Name (Print/Type)	Roseann B. Caldwell	Date April 6/05	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



BENNETT JONES LLP

The Commissioner of Patents and Trademarks
Washington, D.C. 20231,
U.S.A.

BOX: PATENT APPLICATION

Attorney Docket No.	45023-7
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Sir:

Transmitted herewith for filing is the patent application of:

Inventors	FEHR, Jim; Edmonton, CANADA and THEMIG, Daniel Jon; Cochrane, CANADA
Title	METHOD AND APPARATUS FOR WELLBORE FLUID TREATMENT
Priority	US Provisional Application 60/331,491 filed November 19, 2001 US Provisional Application 60/404,783 filed August 21, 2002

The application comprising:

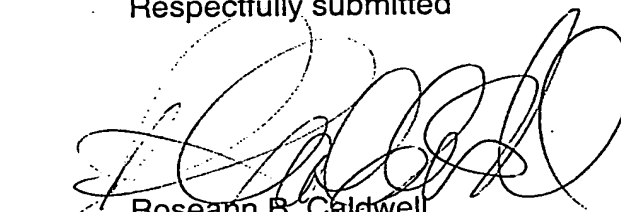
21 pages of Disclosure;
4 pages of Claims;
1 pages of Abstract;
9 sheet(s) of drawings.

and enclosed with the application are:

[XX] A post card.

This patent application is being submitted under **37 CFR 1.53(f)** and **35 U.S.C. 111**, without a Declaration and without the filing fee.

Respectfully submitted



Roseann B. Caldwell
Registration No. 37,077

November 18, 2002

BENNETT JONES
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