

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 823 538 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
27.01.1999 Bulletin 1999/04

(51) Int Cl. 6: E21B 43/27, E21B 43/25,
E21B 43/26

(43) Date of publication A2:
11.02.1998 Bulletin 1998/07

(21) Application number: 97306061.9

(22) Date of filing: 08.08.1997

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE

• Rahimi, Alireza B.
Plano, Texas 75025 (US)

(30) Priority: 09.08.1996 US 689547

(74) Representative: Wain, Christopher Paul et al
A.A. THORNTON & CO.
Northumberland House
303-306 High Holborn
London WC1V 7LE (GB)

(71) Applicant: Halliburton Energy Services, Inc.
Dallas, Texas 75381-9052 (US)

(72) Inventors:
• Ross, Colby M.
Carrollton, Texas 75006 (US)

(54) Method of stimulating a subterranean well

(57) A method of stimulating a portion of a subterranean well (12) at axially spaced apart desired stimulation locations therein, the well portion intersecting a formation (38), comprising: disposing a viscous fluid (32) within the well portion; forming an opening (56) through the viscous fluid (32) at a first one of the desired

stimulation locations; and flowing stimulation fluids through the opening and into the formation (38) at the first desired stimulation location, whereby the viscous fluid (32) substantially prevents flow of the stimulation fluids into any portion of the formation (38) other than at the first desired stimulation location.

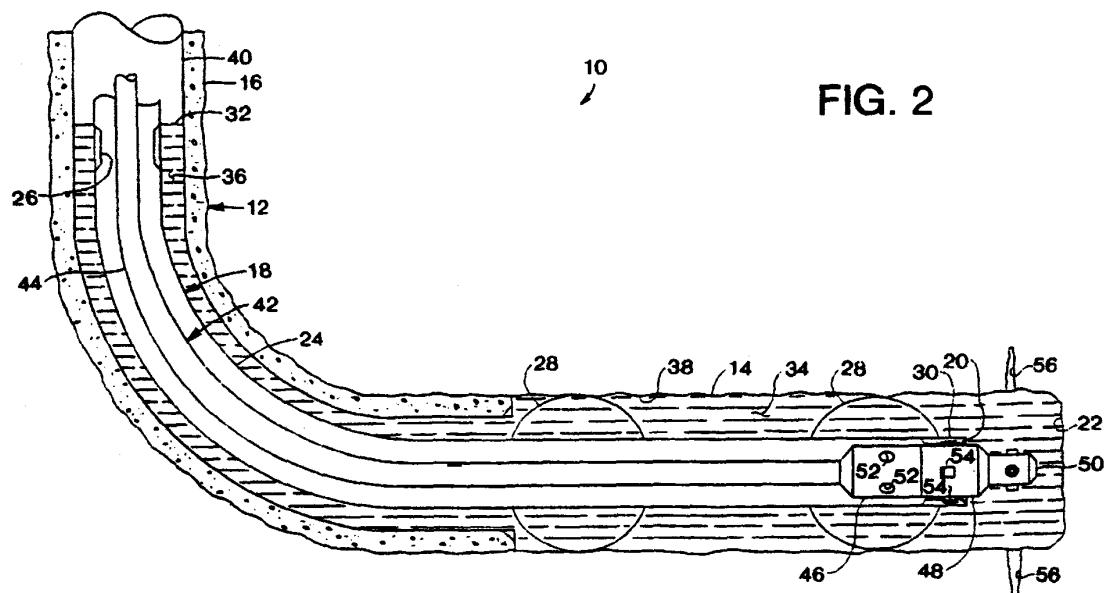


FIG. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 30 6061

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 5 316 082 A (JENNINGS JR ALFRED R) 31 May 1994 * column 1, line 66 – column 2, line 29 * * column 3, line 6-64 * * figures 1-3 * ----	1,3	E21B43/27 E21B43/25 E21B43/26
A	US 5 353 874 A (MANULIK MATTHEW C) 11 October 1994 * column 2, line 44 – column 3, line 12 * * figures 1-6 * ----	1,3,5, 7-10	
A	US 4 842 068 A (VERCAEMER CLAUDE ET AL) 27 June 1989 * claims 1,2; figure 1 * ----	1,3,5, 7-10	
A	US 2 223 397 A (ROBERT L. WHITE ET AL) 3 December 1940 * page 1, column 2, line 4-28 * * figure 1 * ----	1,3,5, 7-10	
A	US 2 259 429 A (DRURY M. SIMMONS) 14 October 1941 * page 1, column 2, line 40 – page 2, column 1, line 19 * * figure 1 * ----	1,3,5, 7-10	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	US 3 191 697 A (MARCUS W. HAINES) 29 June 1965 * page 1, column 2, line 6-34 * * figure 1 * ----	1,3,5, 7-10	E21B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		7 December 1998	Schouten, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			