

Recommended Practices for Testing Sand Used in Hydraulic Fracturing Operations

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SECOND EDITION, DECEMBER 1995**

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Exploration and Production Department

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CONTENTS

1	SCOPE	1
2	REFERENCES	1
2.1	Standards	1
2.2	Other References	1
3	RECOMMENDED SAND SAMPLING PROCEDURE	1
3.1	Description	1
3.2	Equipment	1
3.3	Number of Required Samples	1
3.4	Sampling	1
4	RECOMMENDED SAND SAMPLES HANDLING AND STORAGE	1
4.1	Sample Reduction (Sacked Material)	1
4.2	Sample Splitting	2
4.3	Sample Retention and Storage	2
5	RECOMMENDED FRAC SAND SIEVE ANALYSIS	2
5.1	Sieve Analysis	2
5.2	Recommended Sand Size	4
6	FRAC SAND SPHERICITY AND ROUNDNESS	4
6.1	General	4
6.2	Sphericity	4
6.3	Roundness	5
6.4	Recommended Sphericity and Roundness	5
6.5	Sand Grain Clusters	5
6.6	Alternate Method for Determining Average Sphericity and Roundness	5
7	EVALUATION OF SAND SOLUBILITY IN ACID	6
7.1	Description	6
7.2	Acid Solubility Test Equipment and Materials	6
7.3	Acid Solubility Test Procedure	7
7.4	Recommended Maximum Acid Solubility	8
8	RECOMMENDED SILT TEST	8
8.1	Method I: Turbidity Measurement of Silt- and Clay-size Particulate Matter	8
8.2	Method II: Field On-site Turbidity Test	9
8.3	Method III: Centrifugal Measurement of Clay and Soft Particle Content	10
9	RECOMMENDED FRAC SAND CRUSH RESISTANCE TEST	10
9.1	General	10
9.2	Equipment and Materials	10
9.3	Recommended Test Procedure	10
9.4	Suggested Fines	11
10	RECOMMENDED SAND MINERALOGICAL ANALYSIS	11
10.1	Test Procedure	11
10.2	Reported Results	12

Figures

1—Example Box Sampling Device	2
2—Example Sample Reducer Equipment	3
3—Example Sample Splitter Equipment	4
4—Testing Sieve Shaker and Nest of Six U.S.A. Sieves Plus Pan	5
5—Chart for Visual Estimation of Sphericity and Roundness	7
6—Example Prescription Bottle	9
7—Example Test Cell Frac Sand Crush Resistance Test	12

Tables

1—Recognized Frac Sand Sizes	6
2—Recommended Maximum Acid Soluble Material Content in Frac Sand	8
3—Stress to Be Applied and Suggested Maximum Fines for Frac Sand Crush Resistance Tests	11

FOREWORD

These recommended practices were prepared by the Task Group on Evaluation of Hydraulic Fracturing Sand under the API Subcommittee on Evaluation of Well Completion Materials. They have been reviewed for content and accuracy by the Subcommittee on Evaluation of Well Completion Materials and by the API Executive Committee on Drilling and Production Practices. This publication is under jurisdiction of the Executive Committee on Drilling and Production Practices, American Petroleum Institute's Exploration and Production Department.

The tests recommended herein have been developed to improve the quality of frac sand delivered to the well site. They are for use in evaluating certain physical properties of sand used in hydraulic fracturing operations. These suggested tests will enable users to compare the physical characteristics of various sands tested under the described conditions and to select materials most useful for application in hydraulic fracturing operations.

The recommendations presented in this publication are not intended to inhibit the development of new technology, materials improvements, or improved operational procedures. Qualified engineering analysis and judgment will be required for their application to fit a specific situation.

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