

Recommended Practice Standard Procedure for Drilling Mud Report Form

**API RECOMMENDED PRACTICE 13G (RP 13G)
THIRD EDITION, DECEMBER 1, 1991**

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RECOMMENDED PRACTICE STANDARD PROCEDURE FOR DRILLING MUD REPORT FORM

FOREWORD

- a. This recommended practice is under the jurisdiction of the API Committee on Standardization of Drilling Fluid Materials.
- b. The purpose of this recommended practice is to provide standard format for the field reporting of drilling fluid properties. The information should be located in the indicated areas, but the design of each section is left to the user. The document is to be printed on 8½" x 14" paper, but is reduced here for the sake of printing. It is intended only as a guide.
- c. This recommended practice section marked MUD PROPERTIES is organized to follow the tests listed in API RP 13B-1, Standard Procedure for Field Testing Water-Based Drilling Fluids and API RP 13B-2, Standard Procedure for Testing Oil-Based Drilling Fluids.
- d. Metric "SI" unit equivalents rather than U.S. customary units may be used in this document as required in the country of operation.
- e. This recommended practice was first issued as API RP 47, First Edition, August 1969. It was developed by the Study Committee on Drilling Fluids of the American Petroleum Institute, Southern Division.
- f. Additional publications under jurisdiction of this committee: Spec 13A, Specification for Drilling

Fluid Materials, covers specifications and test procedures for barite, hematite, bentonite, nontreated benonite, OCMA bentonite, attapulgate, sepiolite, starch, technical-grade low viscosity CMC, and technical-grade high viscosity CMC.

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|---|--|
| <p>RP 13B-1</p> <p>RP 13B-2</p> <p>Bul 13C</p> <p>Bul 13D</p> <p>RP 13E</p> <p>RP 13I</p> <p>RP 13J</p> <p>RP 13K</p> | <p>Recommended Practice for Standard Procedure for Field Testing Water-Based Drilling Fluids.</p> <p>Recommended Practice for Standard Procedure for Field Testing Oil-Based Drilling Fluids.</p> <p>Bulletin on Drilling Fluids Processing Equipment.</p> <p>Bulletin on the Rheology of Oil Well Drilling Fluids.</p> <p>Recommended Practice for Shale Shaker Screen Cloth Designation.</p> <p>Recommended Practice for Laboratory Testing of Drilling Fluids.</p> <p>Recommended Practice for Testing Heavy Brines.</p> <p>Recommended Practice for Chemical Analysis of Barite.</p> |
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WATER MUD REPORT NO.

API Well No.	State	County	Well	S/T
--------------	-------	--------	------	-----

Date _____ 19____	Depth <input type="checkbox"/> MD <input type="checkbox"/> TVD
Spud Date _____	Present Activity _____

OPERATOR:

CONTRACTOR:

RIG NO:

Report for

Report for

Section, Township, Range

Well Name and No.

Field or Block No.

County, Parish, Offshore Area

State/Province

BIT DATA

DRILLING STRING

CASING

CIRCULATION DATA

MUD PROPERTIES:

Sample From	<input type="checkbox"/> FL. PI <input type="checkbox"/>	<input type="checkbox"/> FL. PI <input type="checkbox"/>	<input type="checkbox"/> FL. PI <input type="checkbox"/>	<input type="checkbox"/> FL. PI <input type="checkbox"/>
Time Sample Taken				
Flowline Temperature (°F)				
Weight <input type="checkbox"/> (ppg) <input type="checkbox"/> (lb/cu ft) <input type="checkbox"/> (sp gr) _____ °F				
Funnel Viscosity (sec/qt) API @ _____ °F				
Plastic Viscosity cp @ _____ °F				
Yield Point (lb/100 ft²)				
Gel Strength (lb/100 ft²) 10 sec/10 min	/	/	/	/
Filtrate API (cm³/30 min)				
API HTHP Filtrate (cm³/30 min.) @ _____ °F				
Cake Thickness (32nd In. API/HTHP)	/	/	/	/
Retort Solids (% Vol.)				
Retort Liquid (% Vol.) Oil/Water	/	/	/	
Sand Content (% Vol.)				/
Methylene Blue Capacity <small>C. 100gr equiv C. 100gr equiv mud</small>				/
pH <input type="checkbox"/> Strip <input type="checkbox"/> Meter @ _____ °F				
Alkalinity Mud (P _H), cm³ N/50 Acid/cm³				
Alkalinity Filtrate (P _H), cm³ N/50 Acid/cm³	/	/	/	
Chloride (mg/L)				
Total Hardness as Calcium, (mg/L)				

MUD PROPERTY SPECIFICATIONS:

Weight Viscosity Filtrate

RECOMMENDED TREATMENT:

REMARKS:

PRODUCTS

SOLIDS EQUIPMENT

MUD VOLUME

SOLIDS ANALYSIS

MUD RHEOLOGY & HYDRAULICS

COST ANALYSIS

REPRESENTATIVE _____ PHONE _____ WAREHOUSE PHONE _____



OIL MUD REPORT NO.

<div style="display: flex; justify-content: space-between;"> <div> API Well No. <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div> State <div style="border: 1px solid black; width: 50px; height: 20px;"></div> </div> <div> County <div style="border: 1px solid black; width: 50px; height: 20px;"></div> </div> <div> Well <div style="border: 1px solid black; width: 100px; height: 20px;"></div> </div> <div> S/T <div style="border: 1px solid black; width: 50px; height: 20px;"></div> </div> </div>										<div style="text-align: center; font-size: 2em; font-weight: bold;">AP</div>		<div> Date _____ 19____ </div>		<div> Depth _____ </div>		<input type="checkbox"/> MD <input type="checkbox"/> TVD	
OPERATOR: <div style="border: 1px solid black; height: 20px;"></div>										CONTRACTOR: <div style="border: 1px solid black; height: 20px;"></div>		RIG NO: <div style="border: 1px solid black; height: 20px;"></div>					
Report for <div style="border: 1px solid black; height: 20px;"></div>										Report For <div style="border: 1px solid black; height: 20px;"></div>		Section, Township, Range <div style="border: 1px solid black; height: 20px;"></div>					
Well Name and No. <div style="border: 1px solid black; height: 20px;"></div>					Field or Block No. <div style="border: 1px solid black; height: 20px;"></div>		County, Parish, Offshore Area <div style="border: 1px solid black; height: 20px;"></div>		State/Province <div style="border: 1px solid black; height: 20px;"></div>								
Spud Date _____										Present Activity <div style="border: 1px solid black; height: 20px;"></div>							

BIT DATA	DRILLING STRING	CASING	CIRCULATION DATA

[illegible]

PRODUCTS	SOLIDS EQUIPMENT

MUD VOLUME	SOLIDS ANALYSIS	MUD RHEOLOGY & HYDRAULICS	COST ANALYSIS
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REPRESENTATIVE _____ PHONE _____ WAREHOUSE PHONE _____

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