

RECEIVED
FEB 21 1982

COMPANY: Standard
WELL: Federal U.S.A. 58-23
FIELD: Freitenbach
COUNTY: Marion STATE: Oregon
LOCATION: 825/41/4R

SEC: 28 TWP: 45 RGE: 7E

Permanent Datum: 51.5
Log Measured from: K 13
Drilling Measured from: K 13

Run No.: 01E
Date: 10-13-81

Depth-Driller: 2415
System Logged Interval: 214

Control-Logger: 310 @ 6.2

BI Size: 3/4"

Type Fluid in Hole: Lean Sludge

Density and Viscosity: 4.1 31

API and Mud Loss: 1.0 1.5/4

Fract. @ Mass. Temp.: 4.0 @ 56.4

Fract. @ Mass. Temp.: 4.3 @ 56.4

Fract. @ Mass. Temp.: 5.3 @ 56.4

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES				SCALE CHANGES			
Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole		

EQUIPMENT DATA				CALIBRATION DATA			
Run No.	Tool No.	Tool Type	Tool Position	S.O.	Tool No.	Tool Type	Tool Position
ONE	5A26	SIL	Cent.	1/2"			

Run No.	LL 20-ohm/m	LL 500-ohm/m	ILD Loop Cal.	ILD Int. Cal.	ILD Tool Zero	ILM Loop Cal.	ILM Int. Cal.	ILM Tool Zero	K	B	GAMMA RAY BKG.	STD.
ONE	19	2500	440	645	-16	420	736	4.0	-	-	-	-

REMARKS:

NOTICE: All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.

GEARHART INDUSTRIES, INC.

SPONTANEOUS POTENTIAL	RESISTIVITY	CONDUCTIVITY
millivolts	ohms · m ² /m	1000 millimhos/m = ohms m ² /m

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