SCHLUMBERGER

COMPENSATED FORMATION DENSITY LOG

Gamma-Gamma

COUNTY Print
FIELD or LOCATION Field
WELL
COMPANY

COMPANY Jack B Smith
Mo. Geol. Survey
WELL Gregory #1
FIELD Wildcat
COUNTY Andrew STATE Mo.

RECEIVED
AUG 20 1970
MO. OIL & GAS COUNCIL

Reported to AAPG CSD

Location: 1600' NL 1980' EL
NW NE
Sec. 23 Twp. 59N Rge. 36W

Other Services:
1-ES

Permanent Datum: GL ; Elev.: 1077
Log Measured From KB , 5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 1082
D.F. —
G.L. 1077

Date	8-16-70
Run No.	ONE
Type Log	FDC-GR
Depth—Driller	1610
Depth—Logger	1611
Bottom logged interval	1610
Top logged interval	15
Type fluid in hole	Fresh Gel
Salinity, PPM Cl.	390
Density	—
Level	Full
Max rec. temp., deg F.	
Operating rig time	2 HRS.
Recorded by	Streeт
Witnessed by	Fleurge J. Smith

CONFIDENTIAL

Released 7-15-74

BORE-HOLE RECORD				CASING RECORD			
RUN No.	Bit	From	To	Size	Wgt.	From	To
1	6¾	Csg	TD	8⅝	—	GL	186

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

EQUIPMENT DATA

Run No.	PG P-D	PDH-# D	PGH-A	PGS-E	Source No.	SFT-106	SGH A	Logging Unit	Location
1	182	X3	198	98	2605	178	27	3018	Gt. Bend
2									
3									

CALIBRATION DATA

Run No.	Gamma Ray			FDC — Before Log — ACPS		FDC — After Log — ACPS	
	API Scale	Background CPS	Total CPS	P₁	P₂	P₁	P₂
1	0-160	160	580	400	800	400	800
2							
3							

LOGGING DATA

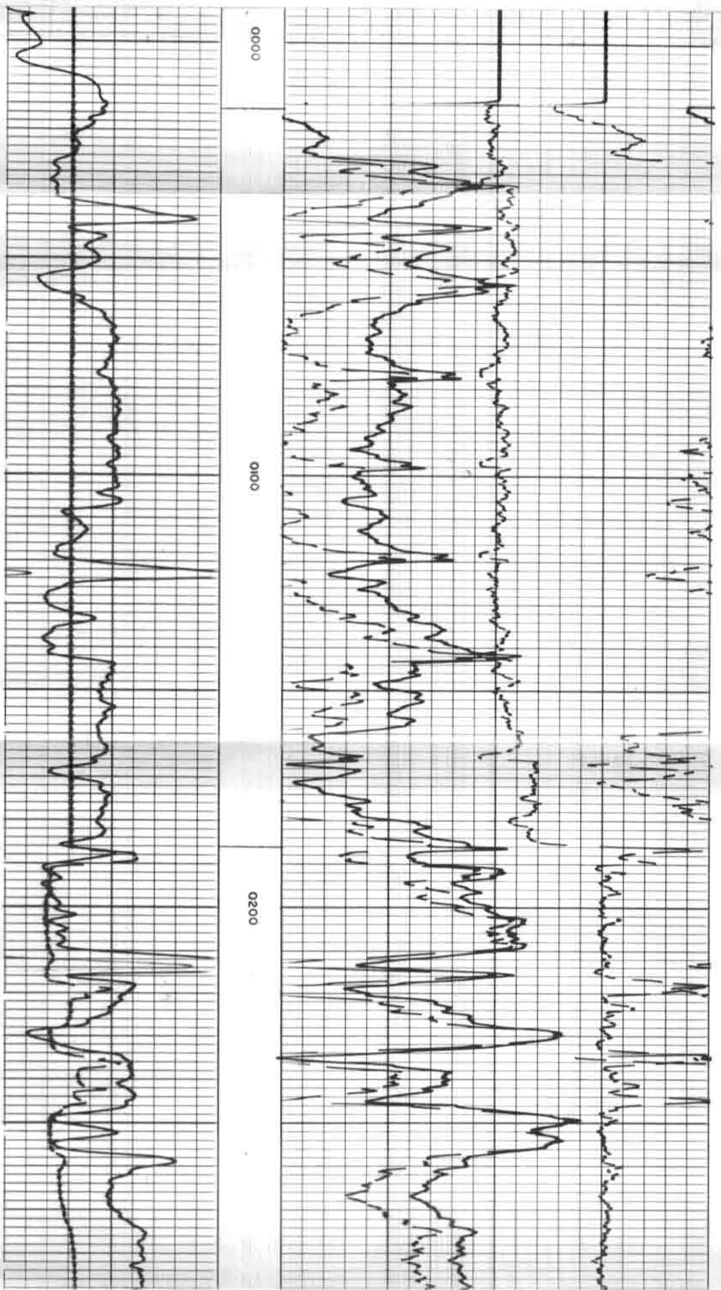
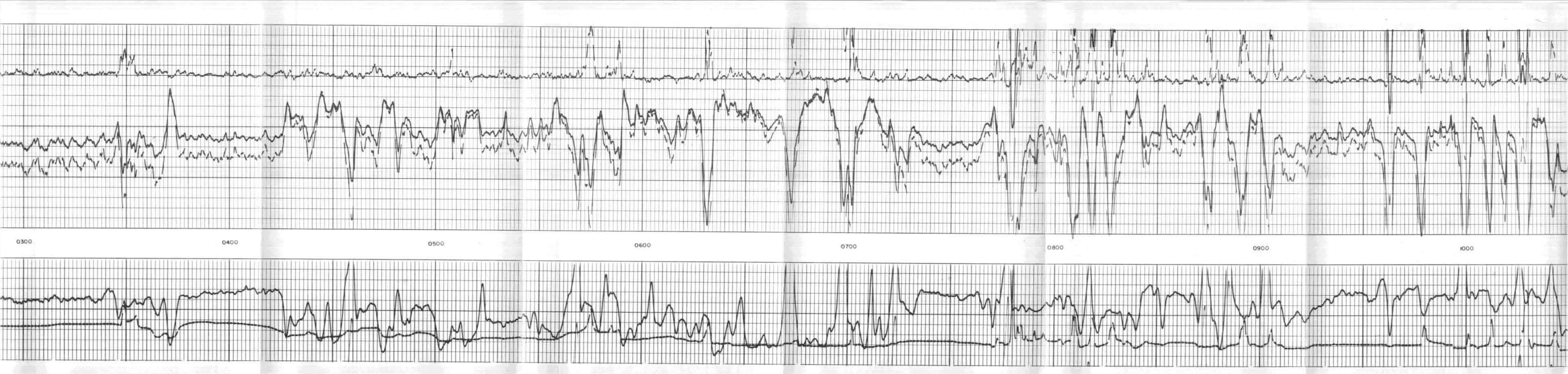
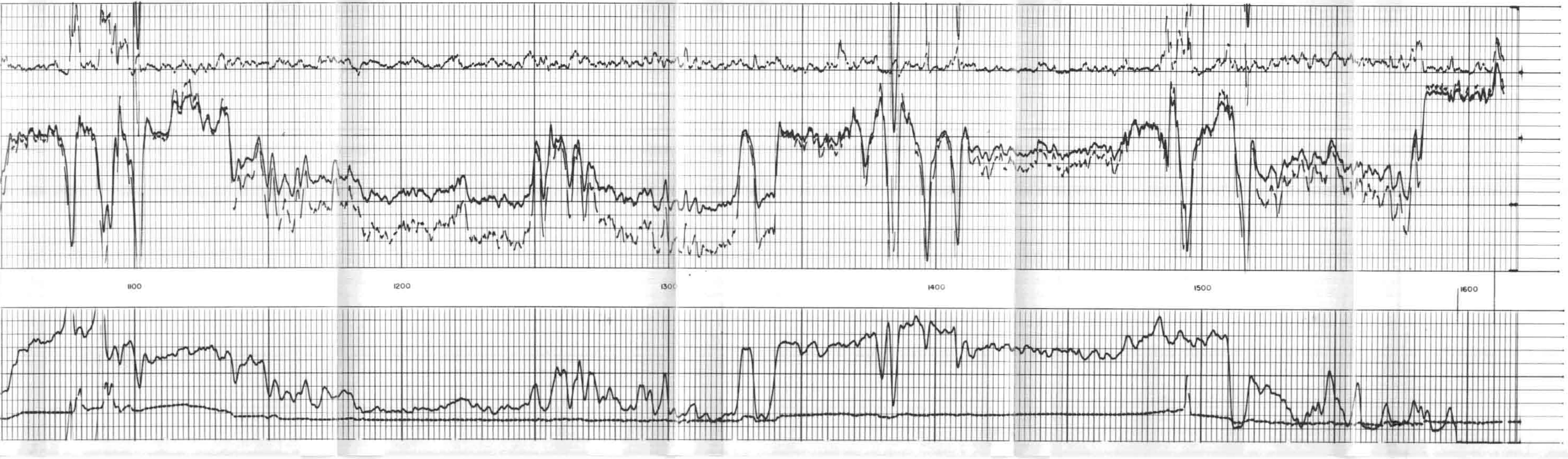
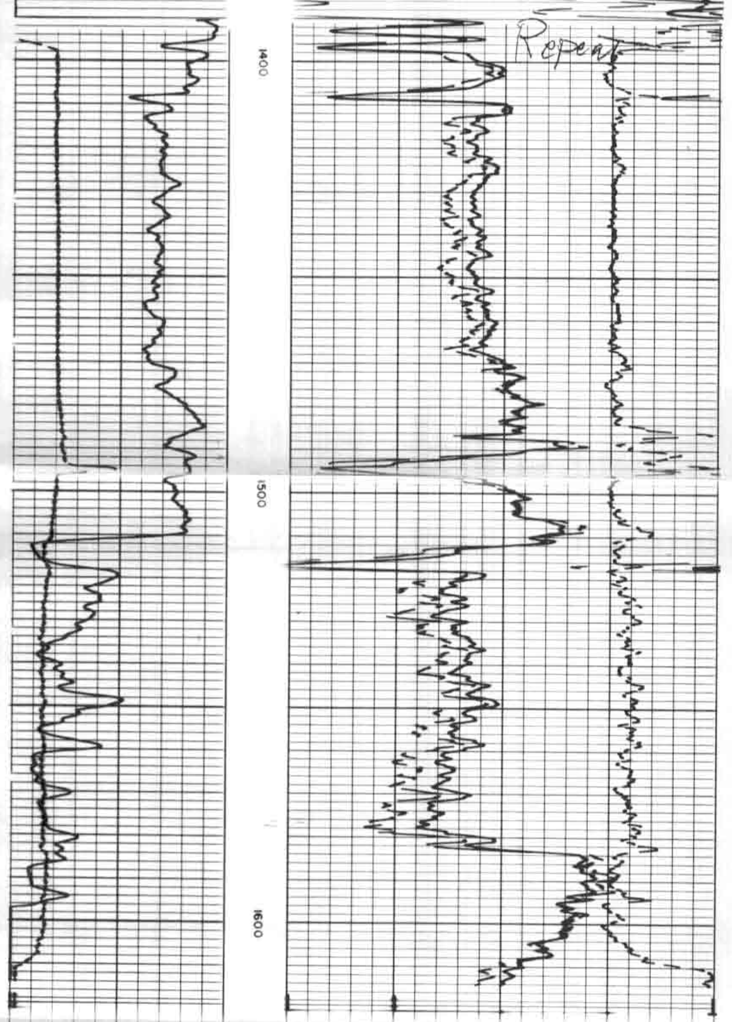
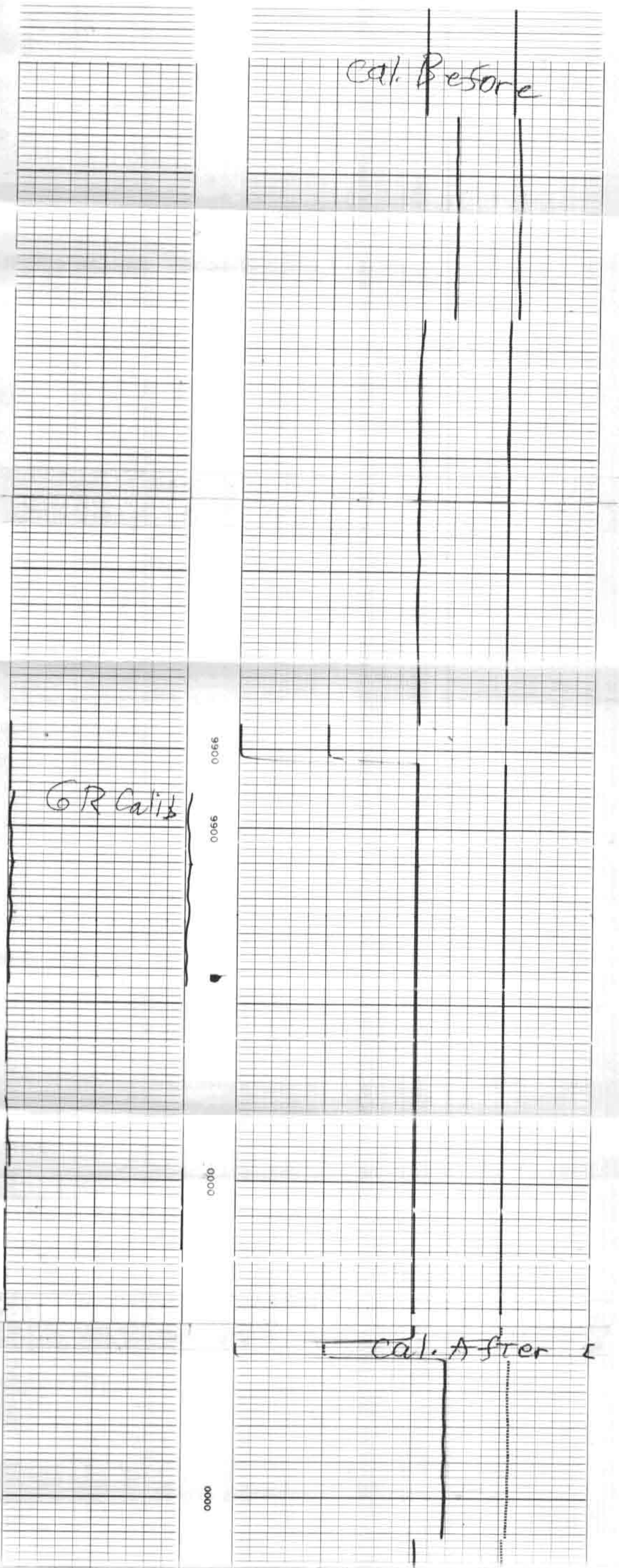
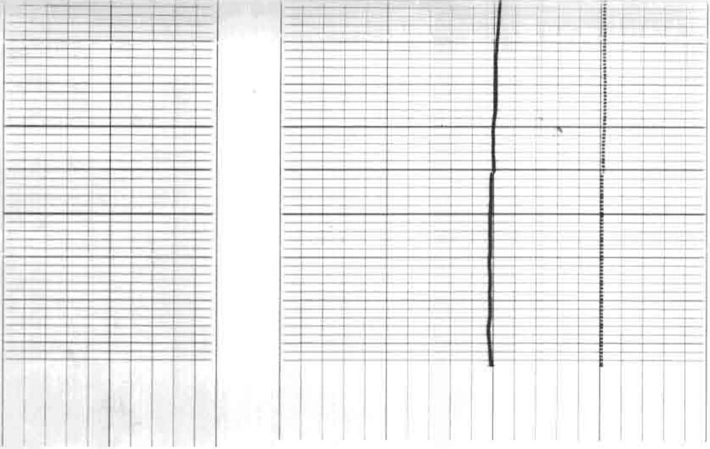
Run No.	General				Gamma Ray	FDC Selectors			
	Depths From	Depths To	Speed Ft./Min.	Tc	API Scale	Liquid Density	Grain Density	Hole Fluid	Porosity Scale
1	Csg 1035 1580	1035 1580 TD	30	2	0-160	1.00	2.71 2.68 2.71	Liquid	30/-10

MUD DATA

Run No.	Rm. @ °F	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt @ °F	Solids, Av. Sp. Gr.
1	6.58 @ 80 °F	—	—	—	38 @ °F	—
2	@ °F				@ °F	
3	@ °F				@ °F	

Remarks:

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 interpreations, 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 any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

CALIPER HOLE DIAM. IN INCHES	DEPTHS	30 20 10 0 -10 Porosity (%)
5 15		-.25 0 +.25 CORRECTION GRAMS/CC.
GAMMA RAY API UNITS		BULK DENSITY GRAMS/CC.
0 160 160 320		2.0 2.5 3.0