SCHLUMBERGER

COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY	Phillips Petroleum Company
WELL	Phillips Petroleum Company
FIELD	Phillips Petroleum Company
COUNTY	Phillips Petroleum Company
LOCATION	Phillips Petroleum Company
Other Services	Phillips Petroleum Company
Permanent Datum	Phillips Petroleum Company
Log Measured From	Phillips Petroleum Company
Drilling Measured From	Phillips Petroleum Company

Run No.			
Date			
Depth-Driller			
Depth-Logger			
Bottom Logged Interval			
Top Logged Interval			
Type Fluid in Hole			
Salinity, PPM Cl			
Density			
Level			
Max. Rec. Temp. Deg. F.			
Operating Rig Time			
Recorded By			
Witnessed By			

Schlumberger
Chained Log Service
Houston, Texas

REFERENCE: 042397

COMPUTATION RECORD

SPAN DATA

CABLE DATA

ACC RECORD

TIME MARK

CASING RECORD

CYCLE SKIP SHOT

CM

SEN

CM

REMARKS

INTERPRETATION AND RESULTS OBTAINED BY

Recorded Data	Symbol	Value	Unit	Derived Data	Symbol	Value	Unit
Interval Transit Time	Δt		μsec/ft	Porosity	ϕ		%
Matrix Transit Time	Δt_{ma}		μsec/ft	Porosity Factor	ϕ_f		
Fluid Transit Time	Δt_f		μsec/ft	Cementation Factor	m		
Compressional Velocity	V_p		ft/sec	Formation Factor	F		
Shear Velocity	V_s		ft/sec	Tortuosity Factor	a		
Poisson's Ratio	σ			Lithology Factor	K		
Young's Modulus	E		psi	Shear Modulus	G		psi
Bulk Modulus	K		psi	Lithology			

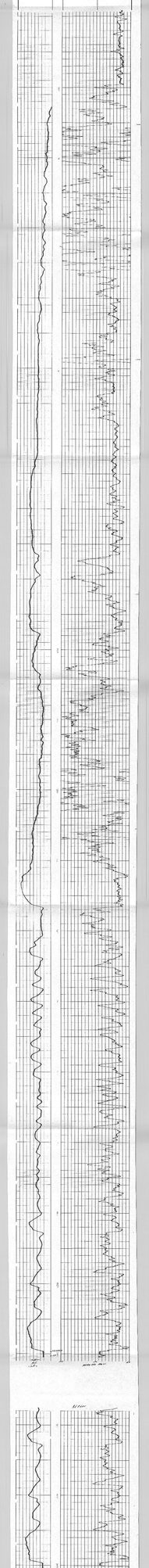
REMARKS AND CONCLUSIONS

Schlumberger offers no warranty as to the accuracy or correctness of any interpretations made by its employees or agents. Schlumberger's liability for any errors or omissions in connection with any interpretations is limited to the value of the interpretations.

POTENTIAL MILLIVOLTS
+40 mv ——— -40 mv

GAMMA RAY
0 API ——— 100 API

CALIPER
6 inches ——— 16 inches

TRAVEL TIME
40 MICROSECONDS PER FT.

200	140
300	240