Schlumberger

BOREHOLE COMPENSATED SONIC LOG (WITH CALIPER)

COMPANY	STANDARD OIL CO. OF CALIF.
WELL	SOCAL WHIDBEY #1
FIELD	WHIDBEY ISLAND
COUNTY	ISLAND
STATE	WASHINGTON
LOCATION	
Sec.	27
Twp.	29 N
Rge.	3 E
Other Services:	

COUNTY ____ FIELD or LOCATION ____ WELL ____ COMPANY ____

Permanent Datum: GL, Elev. 446
Log Measured From DF, 19 Ft. Above Perm. Datum
Drilling Measured From DF

Elev.: K.B. ____ D.F. 465 G.L. 446

Date	8-31-72	9-20-72		
Run No.	1	2		
Depth—Driller	1000	6693		
Depth—Logger	1000	6702		
Btm. Log Interval	990	6701		
Top Log Interval	116	1000		
Casing—Driller	13 3/8 @ 115	9 5/8 @ 1000	@	@
Casing—Logger	116	1000		
Bit Size	12 1/4	8 1/2		
Type Fluid in Hole	FRESH - GEL	LIGNOSULFONATE		
Dens. | Visc.	71 1/2 | 42	79 | 36	|	|
pH | Fluid Loss	10 | 11.8 ml	10 | 5 ml	| ml	| ml
Source of Sample	CIRCULATED	CIRCULATED		
R_m @ Meas. Temp.	3.7 @ 82 °F	1.13 @ 70 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.15 @ 80 °F	1.17 @ 59 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	4.2 @ 80 °F	2.20 @ 59 °F	@ °F	@ °F
Source: R_{mf} | R_{mc}	M | C	|	|	|
R_m @ BHT	3.7 @ 84 °F	0.62 @ 124 °F	@ °F	@ °F
Time Since Circ.	6	7		
Max. Rec. Temp.	84 °F	124 °F	°F	°F
Equip. | Location	7503 | SAC	7503 | SAC	|	|
Recorded By	ANDERSEN	ANDERSEN		
Witnessed By	JOHNSON	JOHNSON		

SWS-1384-D

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

REMARKS RUN 2 OFF BOTTOM at 0930

Changes in Mud Type or Additional Samples				
Date | Sample No.				
Depth—Driller				
Type Fluid in Hole				
Dens. | Visc.				
ph | Fluid Loss		ml		
Source of Sample				
R_m @ Meas. Temp.	@	°F	@	°F
R_{mf} @ Meas. Temp.	@	°F	@	°F
R_{mc} @ Meas. Temp.	@	°F	@	°F
Source: R_{mf} | R_{mc}				
R_m @ BHT	@	°F	@	°F
R_{mf} @ BHT	@	°F	@	°F
R_{mc} @ BHT	@	°F	@	°F

Scale Changes

Type Log	Depth	Scale Up Hole	Scale Down Hole

Equipment Data

Run No.	Tool Type	Tool Position	Other
1	BHC	CENTERED	
2	BHC	CENTERED	

	RUN 1	RUN 2
Equip. Used: CART. No.		SLCB 329
PANEL No.	B 263	SLPB 264
SONDE No.	D 464	SLSD 409
CALIPER No.		
MEMORY PANEL No.		

$$\text{Velocity (feet per second)} = \frac{1{,}000{,}000}{\text{Interval Transit Time (microseconds per foot)}}$$

SPONTANEOUS-POTENTIAL MILLIVOLTS — 10 +

CALIPER HOLE DIAM. IN INCHES 6" 16"

DEPTHS

INTERVAL TRANSIT TIME MICROSECONDS PER FOOT $T\,3'\,R_1\,2'\,R_2$ 150 100 50 / 200 150

AMPLITUDE MILLIVOLTS 0