Run 3

BOREHOLE COMPENSATED SONIC LOG

WITH CALIPER

SCHLUMBERGER WELL SURVEYING CORPORATION
Houston, Texas

COMPANY Shell Oil Co.

WELL 065-P072-1ET

FIELD Tillamook Area

COUNTY Offshore STATE Oregon

LOCATION Sec. ____ Twp. ____ Rge. ____

Other Services: DIL, FDC

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

COUNTY Offshore
FIELD Tillamook Area
WELL 065-P072-1ET
COMPANY Shell Oil Co.

065-P072-1ET

Run No.	3		
Date	5/16/66		
Depth—Driller	6514		
Depth—Logger	6513		
Btm. Log Interval	6503		
Top Log Interval	4998		
Casing—Driller	9 5/8 @ 5176	@	@
Casing—Logger	5176		
Bit Size	8 3/4 (Extended)		
Type Fluid in Hole	Sea Water Rig Water		
Dens. / Visc.	10.2 / 42		
pH / Fluid Loss	10.5 / 6.2 ml		
Source of Sample	Circulation		
R_m @ Meas. Temp	0.8 @ 67 °F	@ °F	@ °F
R_{mf} @ Meas. Temp	0.44 @ 63 °F	@ °F	@ °F
R_{mc} @ Meas. Temp	0.76 @ 67 °F	@ °F	@ °F
Source R_{mf} / R_{mc}	Measured / Calculated		
R_m @ BHT	0.32 @ 129 °F	@ °F	@ °F
R_{mf} @ BHT	0.235 @ 129 °F	@ °F	@ °F
R_{mc} @ BHT	0.60 @ 129 °F	@ °F	@ °F
Time Since Circ.	6 hrs.	hrs.	hrs.
Max. Rec. Temp.	129 °F	°F	°F
Equip. Location	66C-33C Sch. Astoria		
Recorded By	Cyler		
Witnessed By			

Permanent Datum: MLLW
Log Measured from: RT
Drilling Measured from: RT

9' Ft. Above Perm. Datum

Elev.

FOLD HERE

Repeat TD's log, but is not to be reproduced without the authorization of the Marine Division.

REMARKS RT + caliper recorded 10 FT. deep.

Changes in Mud Type or Additional Samples	Scale Changes			
Date / Sample No. 5/16/66 6514		Type Log	Depth	Scale Up Hole	Scale Down Hole
Type Fluid in Hole Sea Water Rig Water					
Dens. / Visc. 10.5 / 42					
pH / Fluid Loss 10.5 / 6.2 ml					
Source of Sample Circulation		Equipment Data			
R_m @ Meas. Temp 0.8 @ 67 °F	@ °F	Run No.	Tool Type	Tool Position	Other
R_{mf} @ Meas. Temp 0.44 @ 63 °F	@ °F	3			
R_{mc} @ Meas. Temp 1.14 @ 68 °F	@ °F				
Source R_{mf} / R_{mc} Meas. / Calc.					
R_m @ BHT 0.32 @ 129 °F	@ °F				
R_{mf} @ BHT 0.235 @ 129 °F	@ °F				
R_{mc} @ BHT 0.60 @ 129 °F	@ °F				

C.D. 0.35 S.O. GEN-SPEU
Equip. Used: CART. No. SLA-A-164
PANEL No. SLA-A-167
SONDE No. SLS-A-179

Velocity (feet per second) = 1,000,000 / Interval Transit Time (microseconds per foot)

SPONTANEOUS-POTENTIAL
MILLIVOLTS

CALIPER
HOLE DIAM. IN INCHES
6" 16"

DEPTHS

INTERVAL TRANSIT TIME
MICROSECONDS PER FOOT
T3 R1 C1 R2
150 100 50
150 100 150

REPEAT SP

5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500