172-005

SCHLUMBERGER

BOREHOLE COMPENSATED SONIC LOG - GAMMA RAY

RECEIVED
MAY 11 1972
DIVISION OF OIL AND GAS
ANCHORAGE

CONFIDENTIAL

COMPANY ASHLAND OIL INC.

WELL WEST CHANNEL NO 1-3

FIELD WILDCAT

COUNTY N. SLOPE STATE ALASKA

COUNTY
FIELD or LOCATION
WELL
COMPANY

LOCATION

Sec. 3 Twp. 9N Rge. 15E UPM.

Other Services:

Permanent Datum: MSL, Elev. 0
Log Measured From KB, 72 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 72
D.F.
G.L.

Date	4-20-72			2"
Run No.	ONE			
Depth—Driller	9880			
Depth—Logger	9875			
Btm. Log Interval	9872			
Top Log Interval	3015			
Casing—Driller	13 3/8 @ 3013	@	@	@
Casing—Logger				
Bit Size	12 1/4			
Type Fluid in Hole	GEL			
Dens. / Visc.	10.7 / 77			
pH / Fluid Loss	7.8 / 5.6 ml	ml	ml	ml
Source of Sample	F.L.			
R_m @ Meas. Temp.	2.08 @ 92 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	3.65 @ 71 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Source: R_{mf} R_{mc}	M —			
R_m @ BHT	1.08 @ 178 °F	@ °F	@ °F	@ °F
Time Since Circ.	19			
Max. Rec. Temp.	178 °F	°F	°F	°F
Equip. / Location	340 / AK			
Recorded By	RATHERT			
Witnessed By	EBANKS-HAMBY			

SWS-1383-C

FOLD HERE

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

REMARKS

Changes in Mud Type or Additional Samples

Date	Sample No.	Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth—Driller					
Type Fluid in Hole					
Dens. / Visc.					
ph / Fluid Loss	ml				
Source of Sample					
R_m @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F	@ °F
Source: R_{mf} / R_{mc}					
R_m @ BHT	@ °F	@ °F	@ °F	@ °F	@ °F
R_{mf} @ BHT	@ °F	@ °F	@ °F	@ °F	@ °F
R_{mc} @ BHT	@ °F	@ °F	@ °F	@ °F	@ °F

Scale Changes

Equipment Data

Run No.	Tool Type	Pad Type	Tool Pos.	Other

C.D.: RUBBER S.O.: 1 1/2
Equip. Used: CART. No. SLC-C-930
PANEL No. SLP-JD-977
SONDE No. SLS-D-501

CALIBRATION:	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISIONS	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.	RECORDING SPEED (FT./MIN.)
GAMMA RAY:				100	100	2	30

GAMMA RAY LOG INVALID
TOOL MALFUNCTION.

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

INTERVAL TRANSIT TIME

MICROSECONDS PER FOOT

T 3 R1 2 R2

150 100 50

DEPTHS

GAMMA RAY

API UNITS

0 INVALID 100