OR_342

349076

ENCLOSURE 17a

Schlumberger

FOUR-ARM HIGH RESOLUTION CONTINUOUS DIPMETER

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL POONBOON 1
COMPANY ESSO AUSTRALIA

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
LOCATION LAT. 40° 58'S LONG. 145° 03'E
Sec. Twp. Rge.
Other Services: ISF/BHC CIS HDT

Permanent Datum: MSL, Elev. 0
Log Measured From KB, 32 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 32' D.F. 31' G.L. -259

Date	13 SEP. 72			
Run No.	1			
Depth—Driller	8827			
Depth—Logger	8791			
Btm. Log Interval	8789			
Top Log Interval	5700			
Casing—Driller	13⅜ @ 3032	@	@	@
Casing—Logger	3028			
Bit Size	12¼			
Type Fluid in Hole	LIGNOSULPHONATE			
Dens. | Visc.	10.2 | 43			
pH | Fluid Loss	10.5 | 5 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	1.04 @ 72 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.50 @ 72 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.26 @ 72 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	PRESS			
Rm @ BHT	.30 @ 212 °F	@ °F	@ °F	@ °F
Time Since Circ.	18 HOURS			
Max. Rec. Temp.	212 °F	°F	°F	°F
Equip. | Location	2080 | SAL			
Recorded By	CHAFFE			
Witnessed By	MEBBERSON			

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

Changes in Mud Type or Additional Samples		
Date | Sample No.		
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.		
ph | Fluid Loss	ml	ml
Source of Sample		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf | Rmc		
Rm @ BHT	@ °F	@ °F
Rmf @ BHT	@ °F	@ °F
Rmc @ BHT	@ °F	@ °F

Run No.	1	2	3	4
Tool Type	HDT-E			
HDM No.	G-742			
HDE No.	CB-847			
HDS No.	F-717			
DPI No.	772			
Magnetic Declination	12°11'E			
TTR-E	863			
CPW-E	769			
HDP-D-	764			

CHECK IF USED: UG ☒ CG ☐ SAH ☐ 5" FILM ☐ 10" FILM ☒ 60" RECORD ☒ ANALOG ☒ DIGITAL ☒

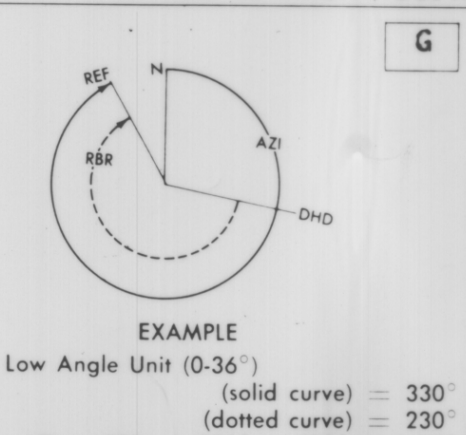
REMARKS

TOOL AZIMUTH AND HOLE DIRECTION CALCULATION

DEFINITIONS

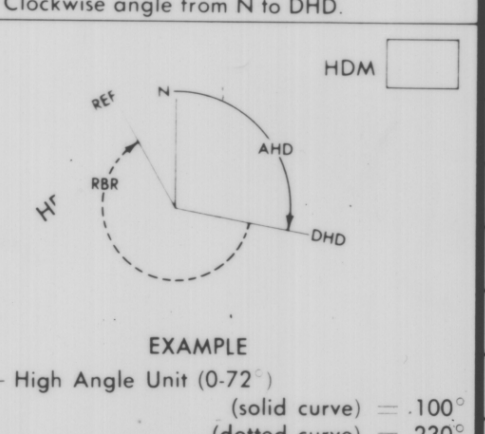
(DHD) HIGH SIDE OF TOOL = Direction from center of tool to upper side of tool.
(N) NORTH = Direction from center of tool to Magnetic North.
(REF) REFERENCE ELECTRODE = Direction from center of tool to #1 electrode.
(AZI) AZIMUTH OF REFERENCE ELECTRODE = Clockwise angle from N to REF.
(RBR) RELATIVE BEARING = Clockwise angle from DHD to REF.
(AHD) AZIMUTH OF HOLE DEVIATION (TOOL AXIS) = Clockwise angle from N to DHD.

G



EXAMPLE
HDM – Low Angle Unit (0-36°)
AZI (solid curve) = 330°
RBR (dotted curve) = 230°
AHD = AZI – RBR = 330° – 230° = 100°

HDM



EXAMPLE
HDM – High Angle Unit (0-72°)
AHD (solid curve) = 100°
RBR (dotted curve) = 230°
AZI = AHD + RBR = 100° + 230° = 330°

ROLL NO.	INTERVAL
1	8789-6710
2	6850-5700