COMPANY: SANTOS / MAGELLAN / UNITED OIL &

WELL: WEST MEREENIE # 13

FIELD: WEST MEREENIE

RIG MJV # 1 COUNTRY: AUSTRALIA

RIG: MJV # 1
Field: WEST MEREENIE
Location: PERMIT OL 4 NTH. TERRITORY
Well: WEST MEREENIE # 13
Company: SANTOS / MAGELLAN / UNITED

Schlumberger

SHDT-GR
DIP COMPUTATION
SCALE 1:500

LOCATION

PERMIT OL 4 NTH. TERRITORY

Elev.: R.T. 770.5 M
G.L. 764.7 M
PRELIM. ELEV.

Permanent Datum: AMS Elev.: 0 M
Log Measured From: RT 770.5 M above Perm. Datum
Drilling Measured From: RT

STATE:	Max. Well Deviation	Longitude	Latitude
NTH. TERRITORY	27.5 DEG	131 28' 39.17" E	23 57' 24.3" S

Logging Date		26-SEP-1997				
Run Number		1				
Depth Driller		1220.9 M				
Schlumberger Depth		1218.5 M				
Bottom Log Interval		1218.5 M				
Top Log Interval		0 M				
Casing Driller Size @ Depth		10.750 IN	@ 648.7 M		@	
Casing Schlumberger		648.8 M				
Bit Size		9.875 IN				
Type Fluid In Hole		2% KCL BRINE				
MUD Density	Viscosity	8.4 LB/G				
Fluid Loss	PH					
Source Of Sample		FLOW				
RM @ Measured Temperature		0.296 OHMM	@ 26 DEGC		@	
RMF @ Measured Temperature			@		@	
RMC @ Measured Temperature			@		@	
Source RMF	RMC					
RM @ MRT	RMF @ MRT	0.201 @ 48	@ 48	@		@
Maximum Recorded Temperatures		48 DEGC	48			
Circulation Stopped	Time	26-SEP-1997	8:30			
Logger On Bottom	Time	26-SEP-1997	13:40			
Unit Number	Location	6002	QEA			
Recorded By		J. WOOTTEN				
Witnessed By		LES BURGESS				

Run 1 Run 2 Run 3 Run 4

Logging Date					
Run Number					
Depth Driller					
Schlumberger Depth					
Bottom Log Interval					
Top Log Interval					
Casing Driller Size @ Depth		@		@	
Casing Schlumberger					
Bit Size					
Type Fluid In Hole					
MUD Density	Viscosity				
Fluid Loss	PH				
Source Of Sample					
RM @ Measured Temperature		@		@	
RMF @ Measured Temperature		@		@	
RMC @ Measured Temperature		@		@	
Source RMF	RMC				
RM @ MRT	RMF @ MRT	@	@	@	@
Maximum Recorded Temperatures					
Circulation Stopped	Time				
Logger On Bottom	Time				
Unit Number	Location				
Recorded By					
Witnessed By					

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE

OTHER SERVICES1
OS1: NONE
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1
Primary Depth Control procedures applied.
Tool run centralised by standoffs and calipers.
All log intervals and presentations as per client request.
Tool run with Gain=2.

OTHER SERVICES2
OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 2

RUN 1

SERVICE ORDER #:
PROGRAM VERSION: 7C0-712
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

RUN 2

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

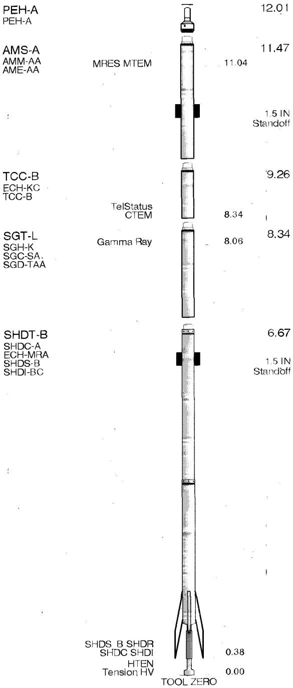
RUN 1

RUN 2

SURFACE EQUIPMENT

GSR-U/Y
CTSM-A

DOWNHOLE EQUIPMENT



MAXIMUM STRING DIAMETER 6.63 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Schlumberger

MAIN LOG

MAXIS 500 Field Log

Input DLIS Files

DEFAULT	SHDT .006	FN:5	FIELD	26-SEP-1997 13:45	1225.9 M	880.5 M

Output DLIS Files

DEFAULT	SHDT .009	FN:8	FIELD	26-SEP-1997 15:19	1227.4 M	916.7 M

OP System Version: 7C0-712

DBM

PIP SUMMARY

■ Time Mark Every 60 S

Gamma Ray (GR)
0 (GAPI) 200

Caliper 2 (C2)
6 (IN) 16

Caliper 1 (C1)
6 (IN) 16

Bit Size (BS)
6 (IN) 16

Dip Azimuth

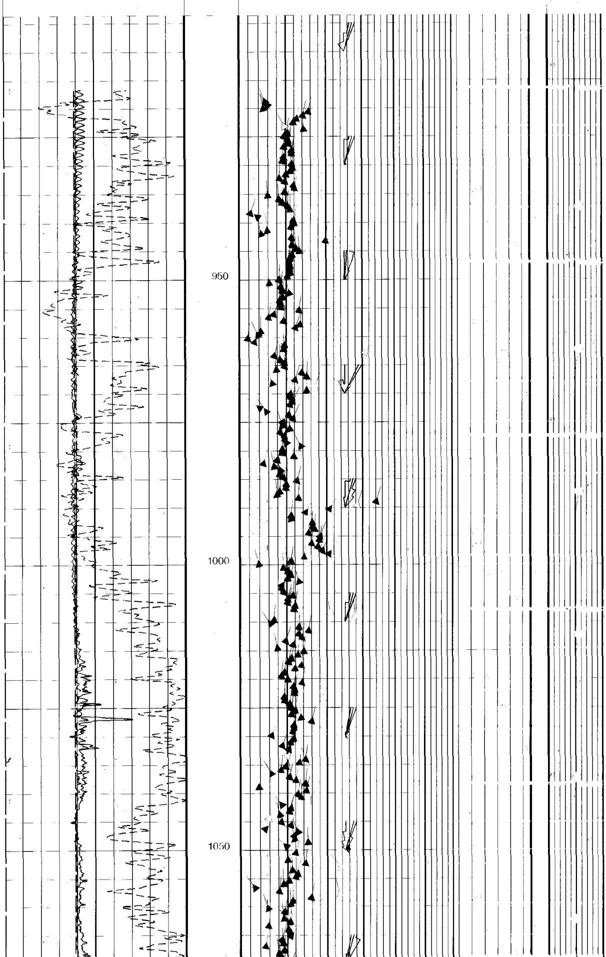
MSD_Angle (MSD_Angle)
(DEG)
0 90

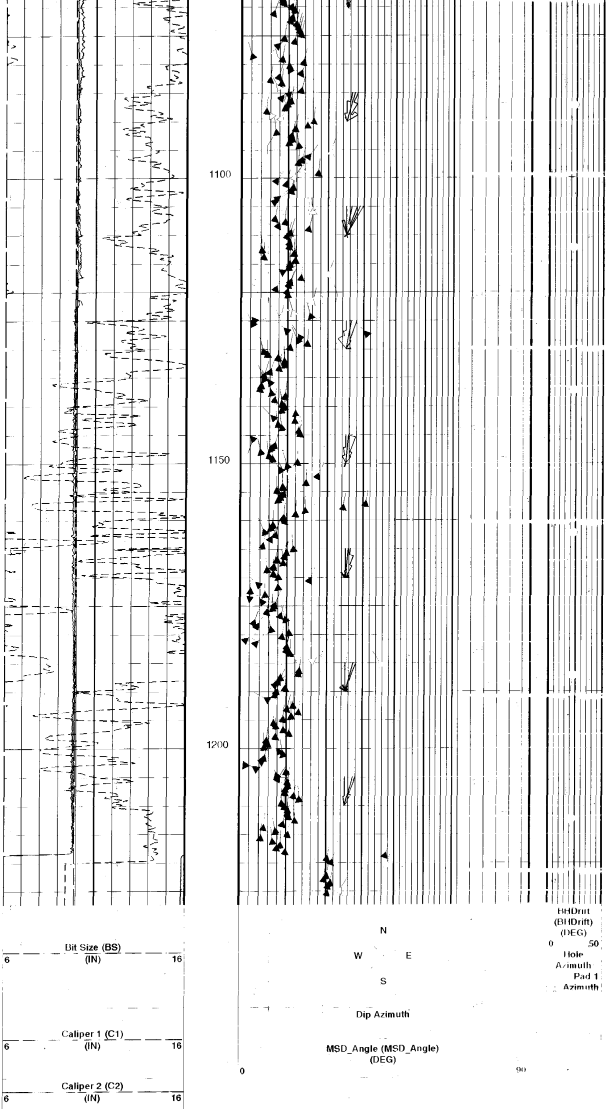
N
W E
S

BHDrift
(BHDrift)
(DEG)
0 50

Hole
Azimuth

Pad 1
Azimuth





Gamma Ray (GR)
0 (GAPI) 200

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	DIP Tool	SHDT	
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
BS	Bit Size	9.875	IN
CSBL	CSB DIP Number of Levels	2L	
DO	Depth Offset	1.6	M
DPAD	Disabled Pad	NONE	
ELRA	Electrical Radius	0.5	IN
ICMO	Inclinometry Computation MOde	AUTOMATIC_SELECTION	
INT	Correlation Interval	1.2192	M
MDEC	Magnetic Field Declination	4.3134	DEG
PP	Playback Processing	NORMAL	
SANG	Correlation Search Angle	35	DEG
SBUT	DIP Set of Buttons	MSD8	
SDFA	Side-by-Side Distance Factor	0.9	IN
SPAN	DIP Spanning	1/4	
STDA	Structural DIP Azimuth	0	DEG
STDI	Structural DIP Angle	0	DEG
STEP	*Correlation Step*	0.0000	M

Format: CYBERDip_1 Vertical Scale: 1:500 Graphics File Created: 26 SEP 1997 15:19

OP System Version: 7C0-712

DBM

Input DLIS Files

DEFAULT	SHDT .006	FN:5	FIELD	26-SEP-1997 13:45	1225.9 M	880.5 M

Output DLIS Files

DEFAULT	SHDT .009	FN:8	FIELD	26-SEP-1997 15:19

Input DLIS Files

DEFAULT	SHDT .006	FN:5	FIELD	26-SEP-1997 13:45	1225.9 M	880.5 M

Output DLIS Files

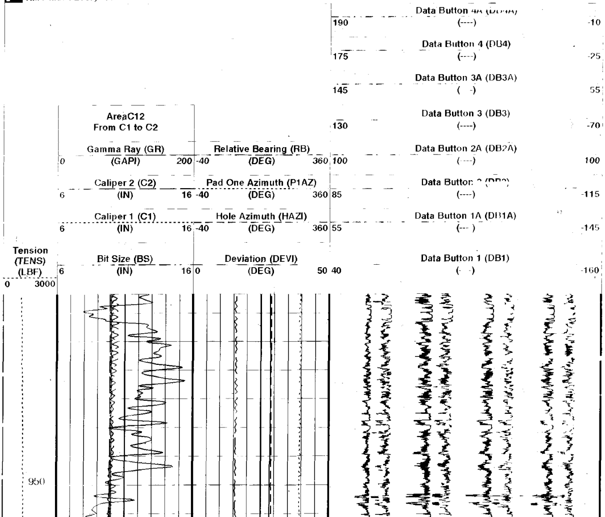
DEFAULT	SHDT .009	FN:8	FIELD	26-SEP-1997 15:19	1227.4 M	916.7 M

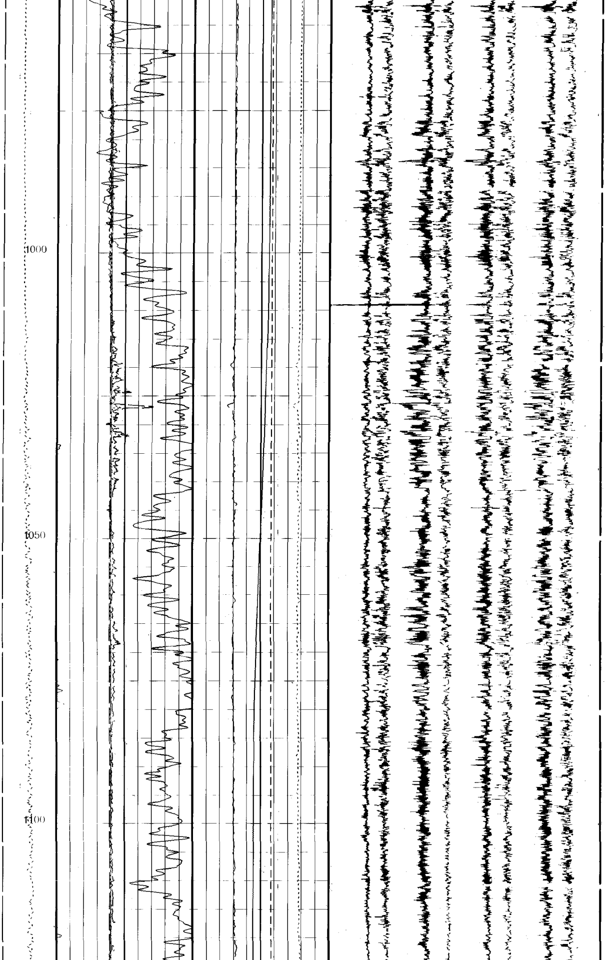
OP System Version: 7C0-712

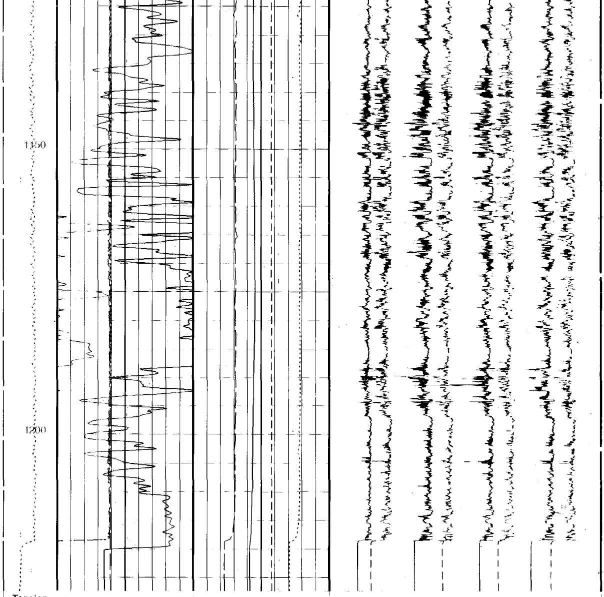
DBM

PIP SUMMARY

Time Mark Every 60 S







Tension (TENS) (LBF) 0 3000

Bit Size (BS) 6 (IN) 16

Caliper 1 (C1) 6 (IN) 16

Caliper 2 (C2) 6 (IN) 16

Gamma Ray (GR) 0 (GAPI) 200

AreaC12
From C1 to C2

Deviation (DEVI) 0 (DEG) 50

Hole Azimuth (HAZI) -40 (DEG) 360

Pad One Azimuth (P1AZ) -40 (DEG) 360

Relative Bearing (RB) -40 (DEG) 360

Data Button 1 (DB1) 40 (----) 160

Data Button 1A (DB1A) 55 (----) -145

Data Button 2 (DB2) 85 (----) -115

Data Button 2A (DB2A) 100 (----) -100

Data Button 3 (DB3) 130 (----) -70

Data Button 3A (DB3A) 145 (----) -55

Data Button 4 (DB4) 175 (----) 25

Data Button 4A (DB4A) 190 (----) -10

PIP SUMMARY

▶ Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
AFMO	Accelerometer Filtering Mode	MOVING_AVERAGE	
BS	Bit Size	9.875	IN
DO	Depth Offset	1.6	M
ICMO	Inclinometry Computation MOde	AUTOMATIC_SELECTION	
MDEC	Magnetic Field Declination	4.3134	DEG
PP	Playback Processing	NORMAL	
XGAI	SHDT Gain Setting	GAIN_2	
XMOD	Emex Mode	MANUAL	
XOFF	SHDT Offset Setting	OFF_0	

Format: SHDT_1 Vertical Scale: 1:500 Graphics File Created: 26-SEP-1997 15:19

OP System Version: 7C0-712

DBM

Input DLIS Files

DEFAULT SHDT .006 FN:5 FIELD 26-SEP-1997 13:45 1225.9 M [illegible]

Output DLIS Files

DEFAULT SHDT .009 FN:8 FIELD 26-SEP-1997 15:19

COMPANY: SANTOS / MAGELLAN UNITED OIL & GAS

WELL: WEST MEREENIE # 13

FIELD: WEST MEREENIE

RIG: MJV # 1

COUNTRY: AUSTRALIA

BOTTOM LOG INTERVAL	[illegible]
[illegible]	[illegible]
DEPTH DRILLER	[illegible] M
[illegible]	[illegible]
DRILL FLOOR	
GROUND LEVEL	M

Schlumberger

SHDT-GR
DIP COMPUTATION
SCALE 1:500