CC 23-31-65

ResTech

I N C L I N E

COMPUTED DIPMETER RESULTS

CLIENT	NAHAMA & WEAGANT ENERGY COMPANY
COMPANY	NAHAMA & WEAGANT ENERGY COMPANY
WELL	SASQUATCH 23-31-65 COL.CO.
FIELD	MIST
COUNTY	COLUMBIA STATE OREGON

TAPE NUMBER

LOCATION:
1970' N & 989' W
FROM S 1/4 OF

SEC 31 TWP 6N RGE 5W

OTHER COMPUTATIONS

PERMANENT DATUM G.L. ELEV. 925.0
LOG MEASURED FROM K.B. , 10.0 FT. ABOVE PERM DATUM
DRILLING MEASURED FROM K.B.

ELEV K.B. 935.0
D.F. 934.0
G.L. 925.0

DATE	06-JUN-92			
RUN NO.	1			
DEPTH - DRILLER	2272.000			
DEPTH - LOGGER	2272.000			
BOTTOM LOGGED INTERVAL	2264.000			
TOP LOGGED INTERVAL	1248.000			
CASING - DRILLER	8.625 AT 494.0	AT	AT	AT
CASING - LOGGER	494.000			
BIT SIZE	7.875			
TYPE FLUID IN HOLE	DRISPAC/POLY			
CASING SIZE/WT.				
DENSITY / VISCOSITY	9.500 / 41.000			
PH / FLUID LOSS	9.000 / 4.80 ML	ML	ML	ML
SOURCE OF SAMPLE	FLOWLINE			
R_m AT MEASURED TEMP.	3.140 AT 73.0 F	AT F	AT F	AT F
R_{mf} AT MEASURED TEMP.	NA AT F	AT F	AT F	AT F
R_{mc} AT MEASURED TEMP.	NA AT F	AT F	AT F	AT F
SOURCE: R_{mf} R_{mc}	NA / NA			
R_m AT BHT	2.700 AT 86 F	AT F	AT F	AT F
TIME SINCE CIRCULATION	NA			
MAX. REC. TEMP.	85.00F	F	F	F
LOGGING CONTRACTOR	SWS			
RECORDED BY	PILCH/DEMSKIE			
WITNESSED BY	VAUGN/PINOT			

FOLD HERE

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS. WE CANNOT. AND WE DO NOT GUARANTEE THE ACCURACY OR THE CORRECTNESS OF AN INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS. COST. DAMAGES. OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

COMPUTATION	LOGS USED: DIPMETER		PROGRAM: V1.9
	CENTER: **HOUSTON**	LOG ANALYST: **DELANO/ROIG**	DATE: - 6/10/92
	REFERENCE: 500636	INCLINE FILE: **12X4X85-MSF**	

COMPUTATION PARAMETERS

DEPTH INTERVAL		DEPTH UNITS	CORLN. LENGTH	CORLN. STEP	SEARCH ANGLE	SEARCH REFERNCE	SEARCH MAXIMUM	MAGNETIC DECLN.	TIE DEP. MEAS.	TIE DEP. TRUE	SHRT TR AVERAGE
FROM	TO										
2258.00	1250.00	FEET	12.00 F	4.00 F	85.00	BOREHOLE	75.00	19.0 E			6.00

REMARKS:
SEARCH ANGLE SPECIFIED IN DEGREES.
DEPTH OF INVESTIGATION 0.9 INCHES MEASURED RADIALLY.
SOLID ARROWS - CORRELATION COEFFICIENT ABOVE : 0.60
OPEN ARROWS - CORRELATION COEFFICIENT BETWEEN: 0.60 AND 0.30
CORRELATIONS IGNORED IF COEFFICIENT IS BELOW : 0.30

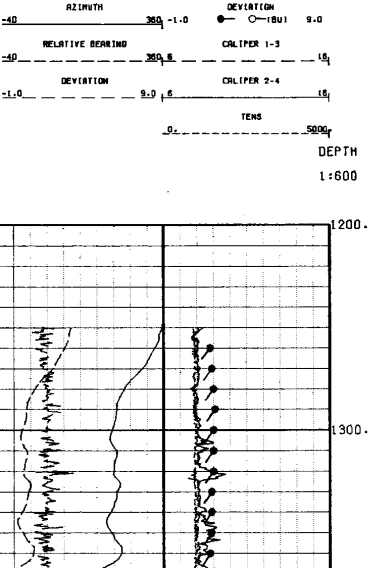
RESTECH HOUSTON INC.

INCLINE

COMPUTED DIPMETER RESULTS

COMPANY : NAHAMA AND WEAGANT ENERGY CO.
FIELD : MIST
WELL : SASQUATCH 23-31-65

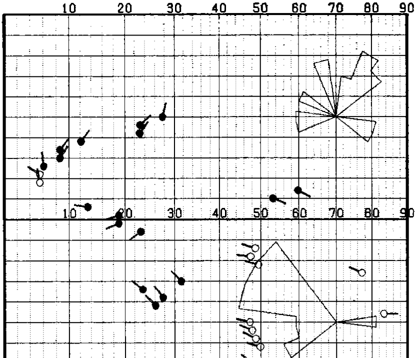
CORRELATION INTERVAL : 12.00 FEET
CORRELATION STEP : 4.00 FEET
SEARCH ANGLE : 85.00 DEGREES
SEARCH REFERENCE : BOREHOLE
MAXIMUM SEARCH : 75.00 DEGREES
MAGNETIC DECLINATION : **19.0 EAST**
SHORT TERM AVERAGE : 6.00
STACKING SURFACES : 1
LOG NAME : 12X4X85-MSF
DATE/TIME : 92/ 6/10 AT 16:32:39
ANALYST : 500636

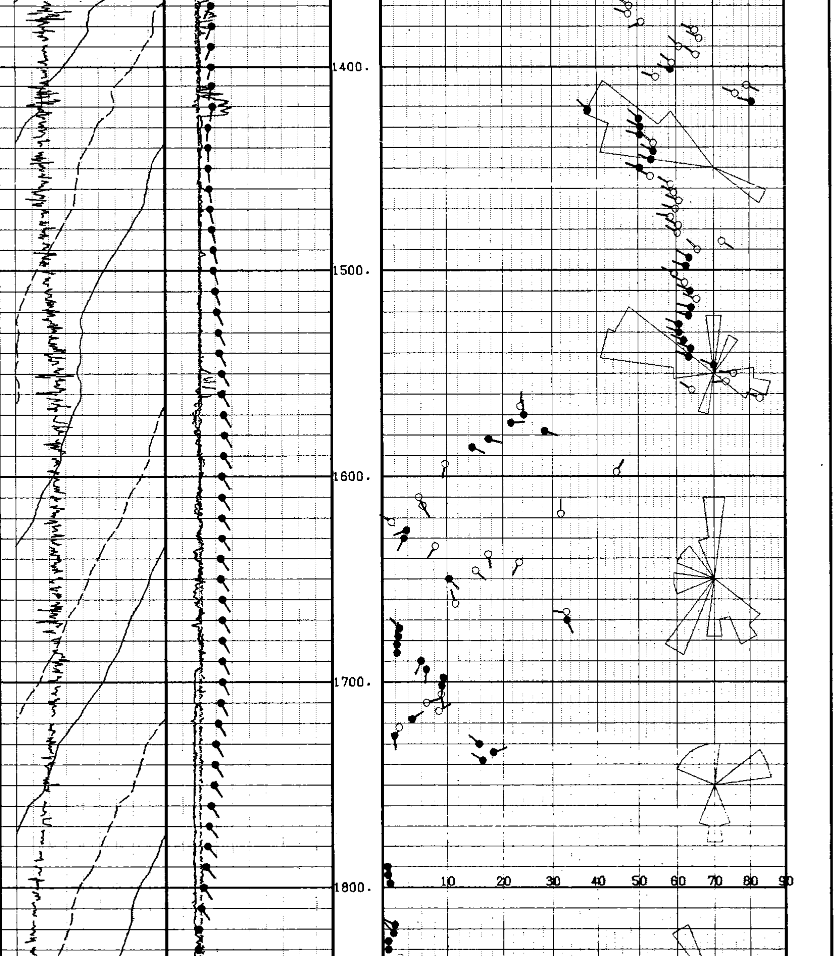


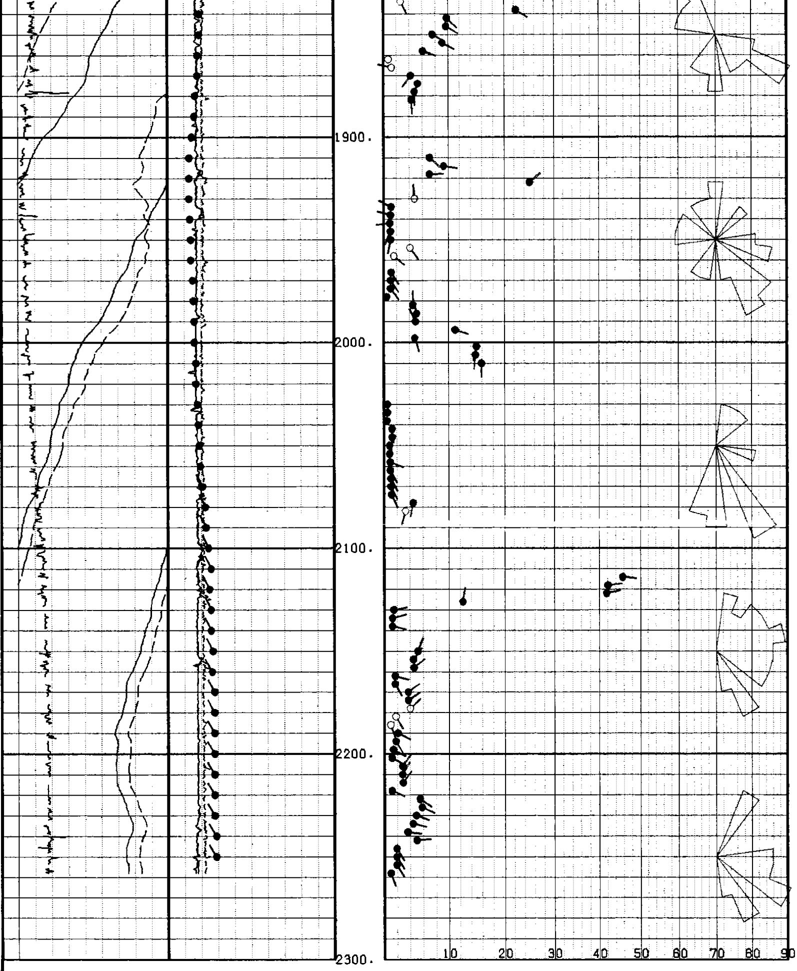
DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

● CORRELATION COEFFICIENT ABOVE: 0.40
○ CORRELATION COEFFICIENT ABOVE: 0.20







DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20

REPEAT SECTION

RESTECH HOUSTON INC.

INCLINE

COMPUTED DIPMETER RESULTS

COMPANY : NAHAMA AND WEAGANT ENERGY CO.
FIELD : MIST
WELL : SASQUATCH 23-31-65

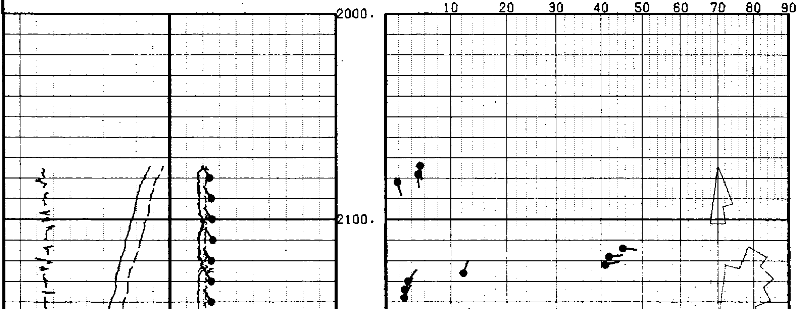
CORRELATION INTERVAL : 12.00 FEET
CORRELATION STEP : 4.00 FEET
SEARCH ANGLE : 85.00 DEGREES
SEARCH REFERENCE : BOREHOLE
MAXIMUM SEARCH : 75.00 DEGREES
MAGNETIC DECLINATION : **19.0 EAST**
SHORT TERM AVERAGE : 6.00
STACKING SURFACES : 1
LOG NAME : 12X4X85-RSF
DATE/TIME : 92/ 6/10 AT 16:33:17
ANALYST : 500636

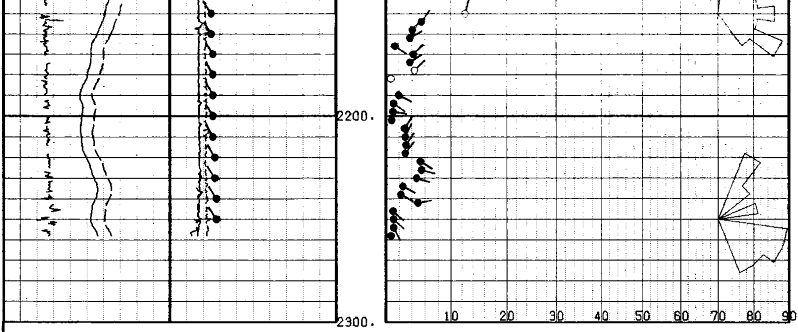
AZIMUTH -40 360
DEVIATION -1.0 ●— ○—(BU) 9.0
RELATIVE BEARING -40 360
CALIPER 1-3 6 16
DEVIATION -1.0 9.0
CALIPER 2-4 6 16
TENS 0. 5000
DEPTH
1:600

DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20





AZIMUTH
-40 360 | -1.0 DEVIATION ●— ○—(BU) 9.0

RELATIVE BEARING
-40 360 | 6 CALIPER 1-3 16

DEVIATION
-1.0 9.0 | 6 CALIPER 2-4 16

TENS
0. 5000

DEPTH

1:600

DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20

RESTECH HOUSTON INC.

INCLINE

COMPUTED DIPMETER RESULTS

COMPANY	:	NAHAMA AND WEAGANT ENERGY CO.
FIELD	:	MIST
WELL	:	SASQUATCH 23-31-65
CORRELATION INTERVAL	:	12.00 FEET
CORRELATION STEP	:	4.00 FEET
SEARCH ANGLE	:	85.00 DEGREES
SEARCH REFERENCE	:	BOREHOLE
MAXIMUM SEARCH	:	75.00 DEGREES
MAGNETIC DECLINATION	:	**19.0 EAST**
SHORT TERM AVERAGE	:	6.00
STACKING SURFACES	:	1
LOG NAME	:	12X4X85-MSF
DATE/TIME	:	92/ 6/10 AT 16:34: 7
ANALYST	:	500636

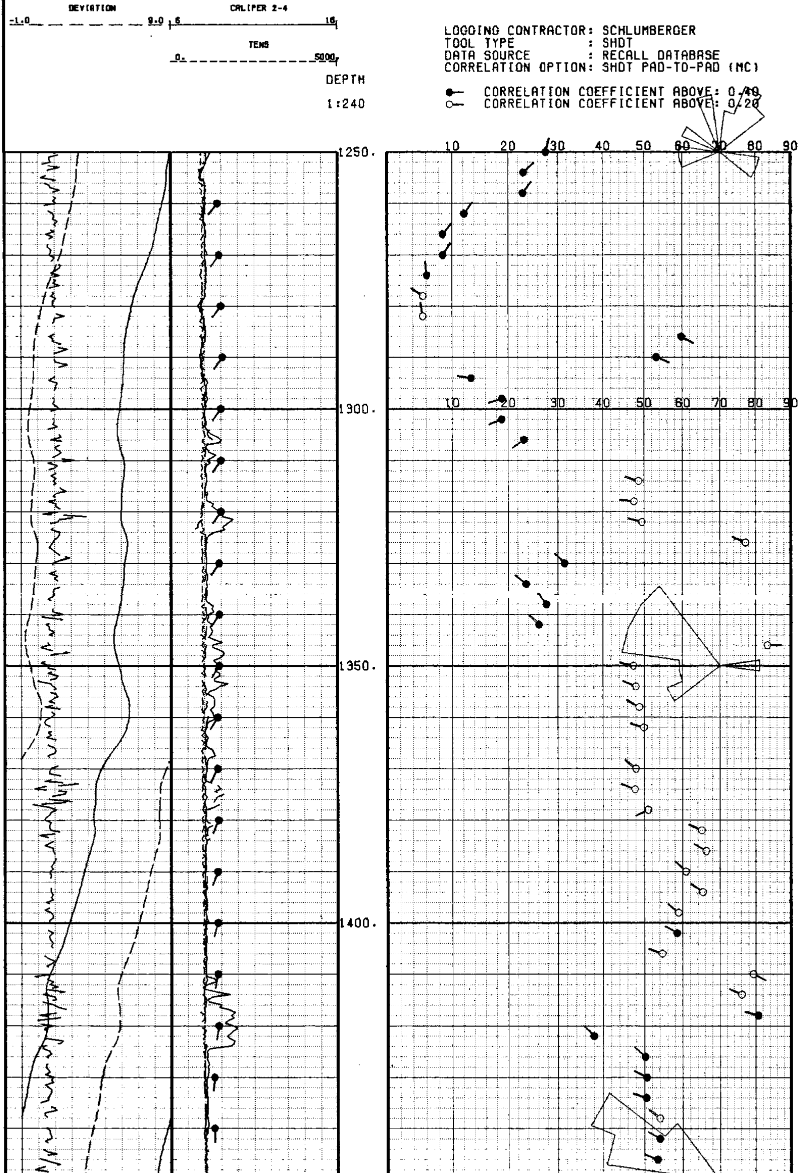
AZIMUTH
-40 360 | -1.0 DEVIATION ●— ○—(BU) 9.0

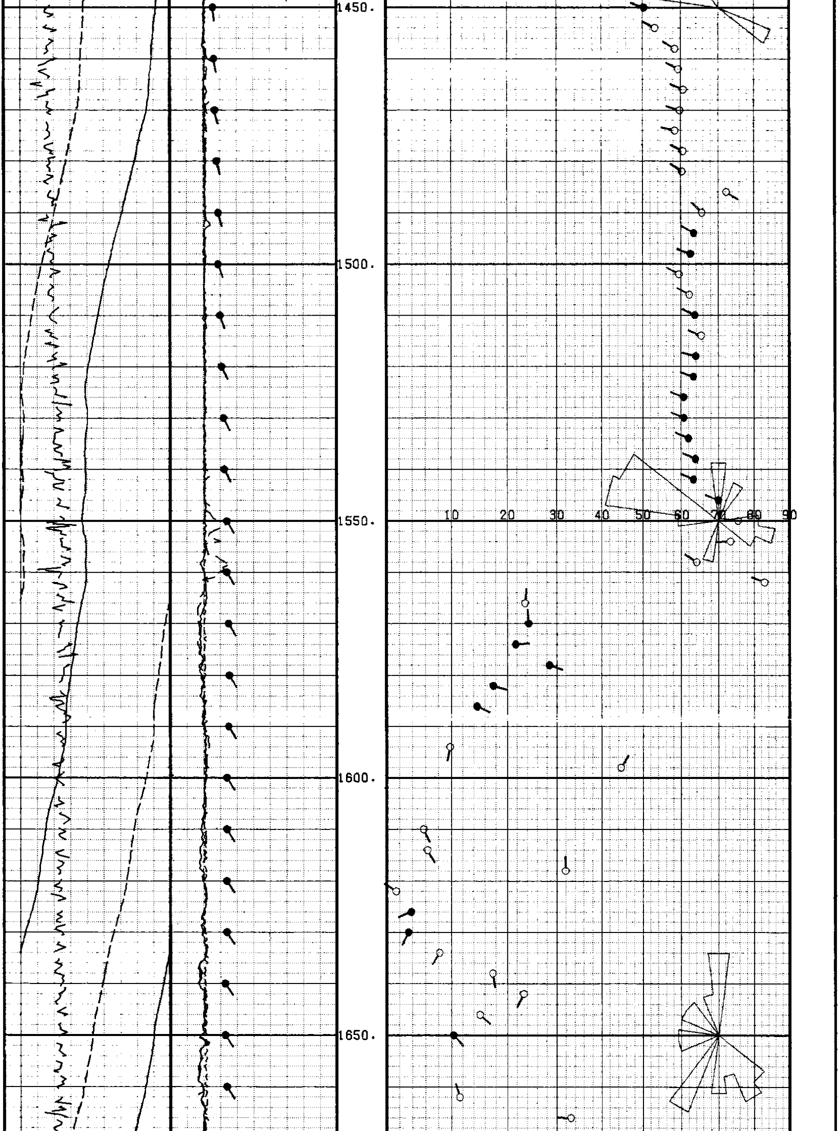
RELATIVE BEARING
-40 360 | 6 CALIPER 1-3 16

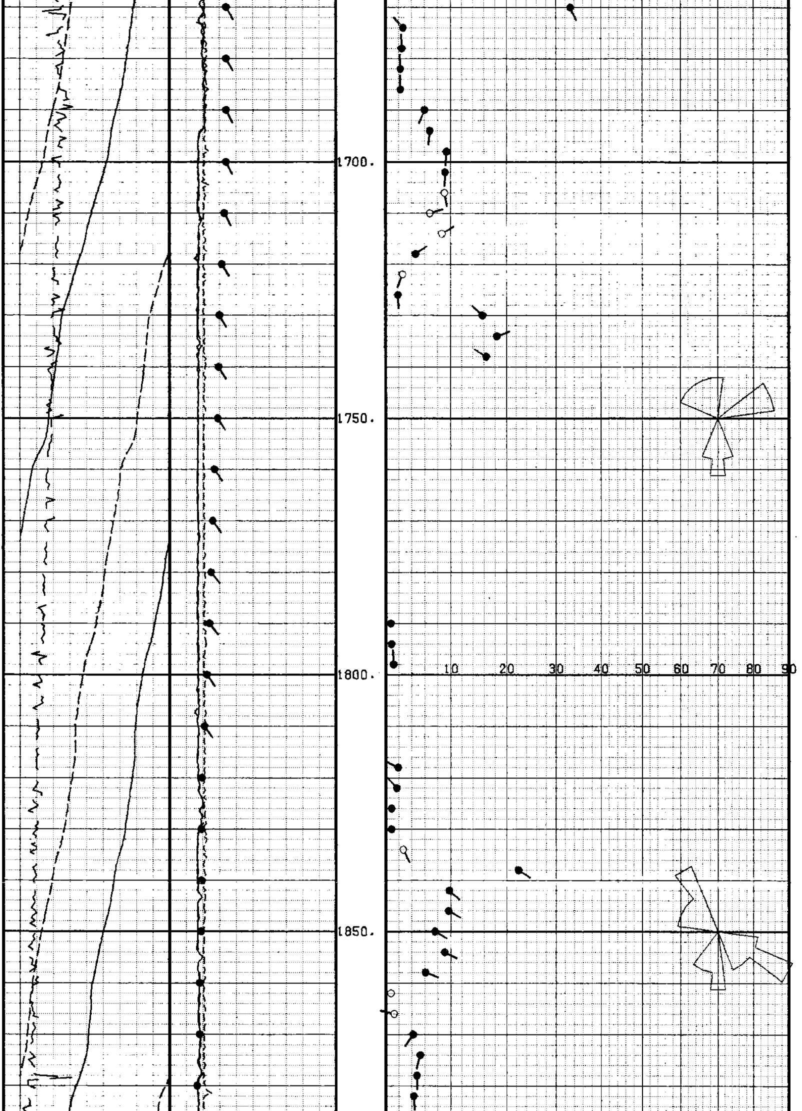
DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

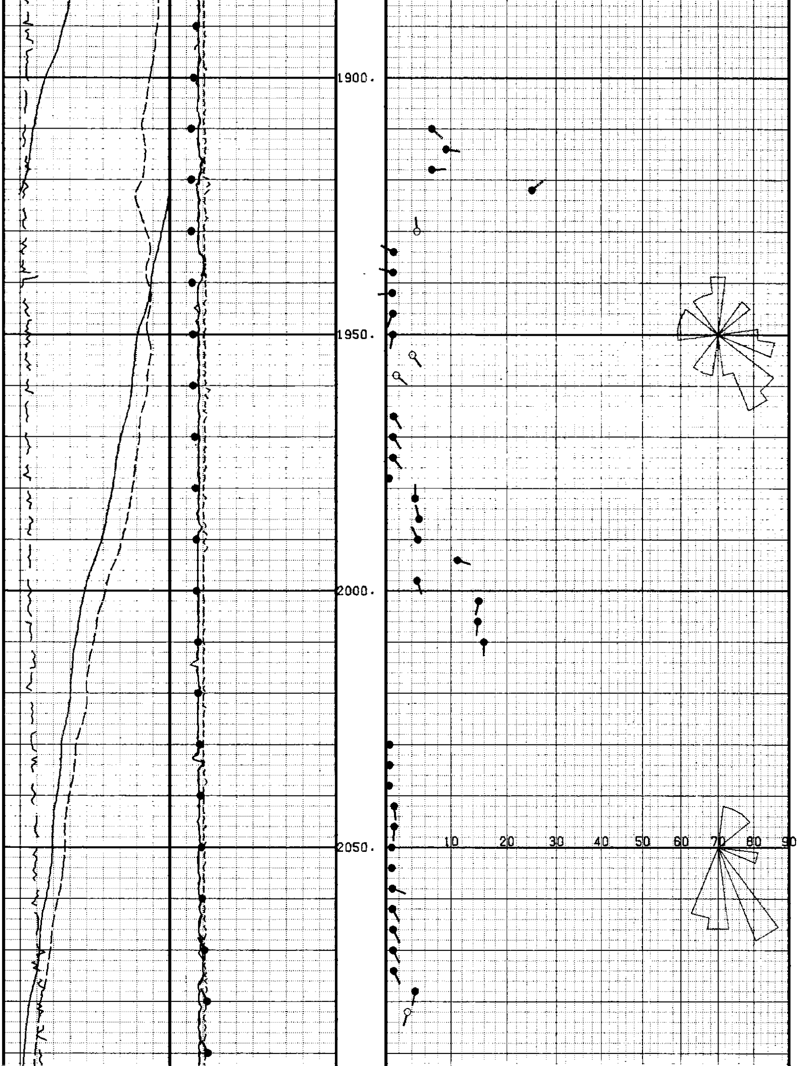
LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

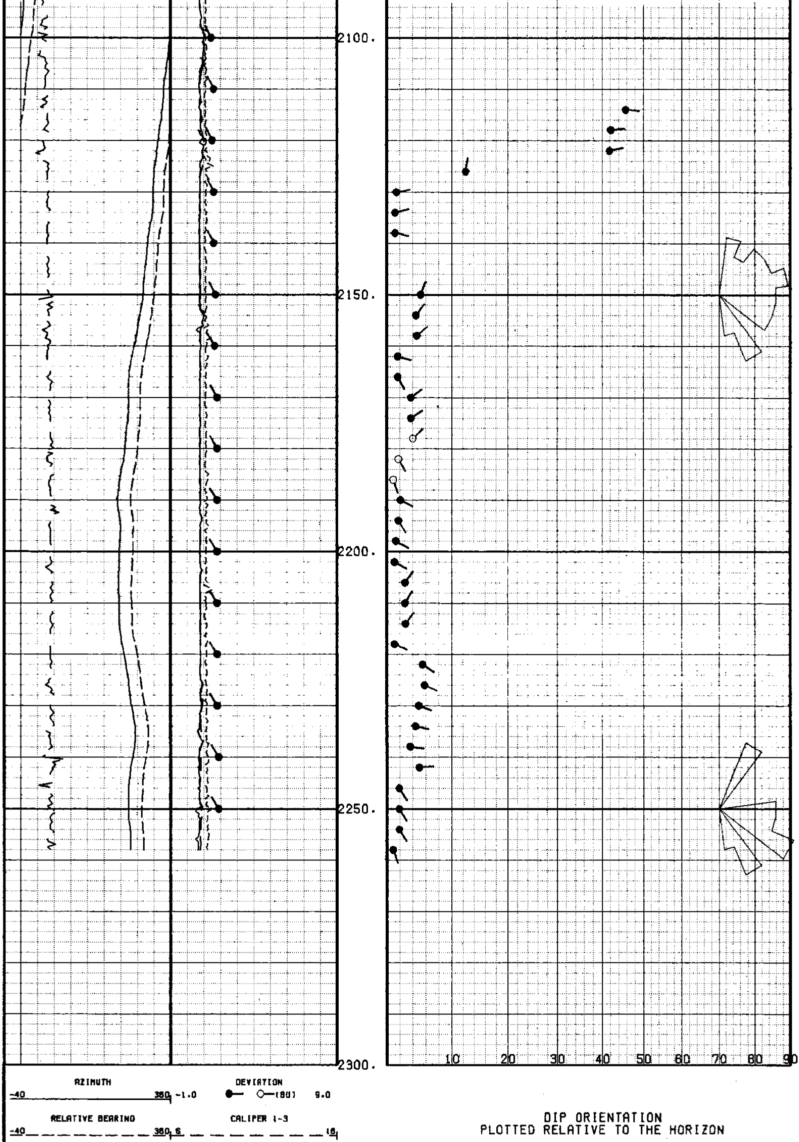
●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20











DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

DEVIATION
-1.0 9.0

CALIPER 2-4
6 16

TENS
0. 5000.

DEPTH

1:240

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20

REPEAT SECTION

RESTECH HOUSTON INC.

INCLINE

COMPUTED DIPMETER RESULTS

COMPANY	: NAHAMA AND WEAGANT ENERGY CO.
FIELD	: MIST
WELL	: SASQUATCH 23-31-65
CORRELATION INTERVAL	: 12.00 FEET
CORRELATION STEP	: 4.00 FEET
SEARCH ANGLE	: 85.00 DEGREES
SEARCH REFERENCE	: BOREHOLE
MAXIMUM SEARCH	: 75.00 DEGREES
MAGNETIC DECLINATION	: **19.0 EAST**
SHORT TERM AVERAGE	: 6.00
STACKING SURFACES	: 1
LOG NAME	: 12X4X85-RSF
DATE/TIME	: 92/ 6/10 AT 16:34:45
ANALYST	: 500636

AZIMUTH
-40 360

DEVIATION
-1.0 ●— ○—(BU) 9.0

RELATIVE BEARING
-40 360

CALIPER 1-3
6 16

DEVIATION
-1.0 9.0

CALIPER 2-4
6 16

TENS
0. 5000.

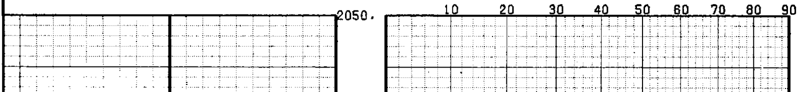
DEPTH

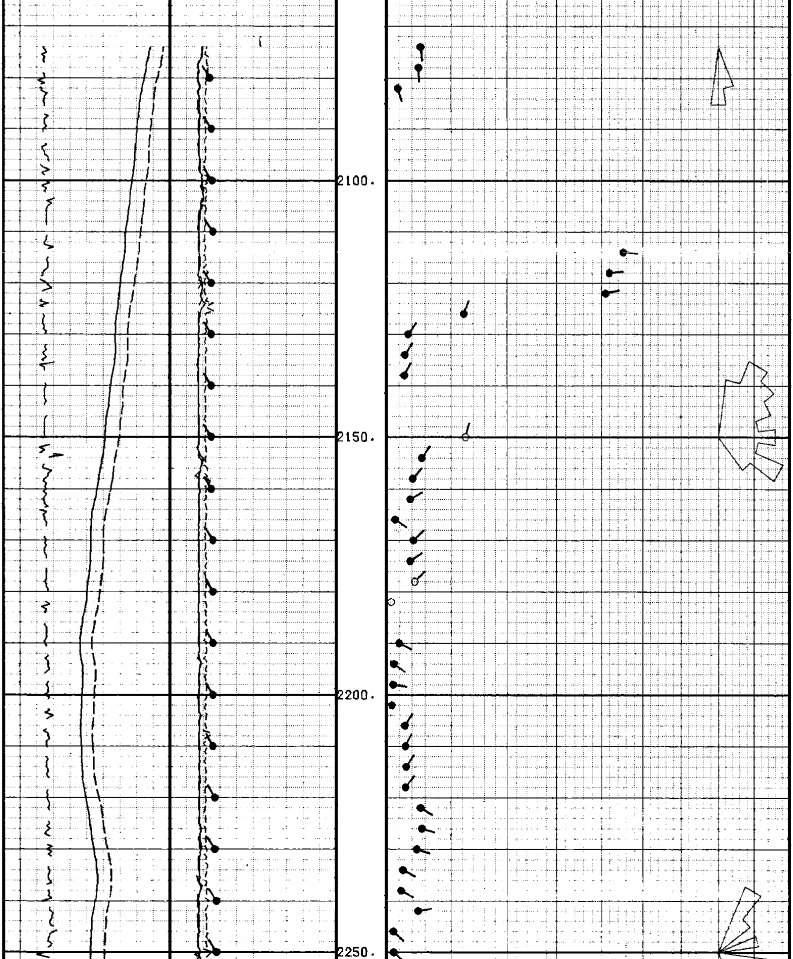
1:240

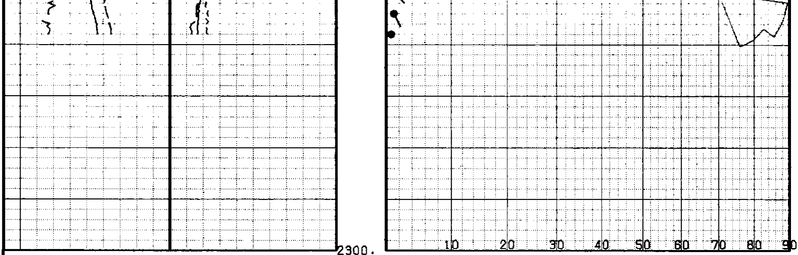
DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20







AZIMUTH
-40 360

DEVIATION
-1.0 ●— ○—(BU) 9.0

RELATIVE BEARING
-40 360

CALIPER 1-3
6 16

DEVIATION
-1.0 9.0

CALIPER 2-4
6 16

TENS
0. 5000

DEPTH

1:240

DIP ORIENTATION
PLOTTED RELATIVE TO THE HORIZON

LOGGING CONTRACTOR: SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION: SHDT PAD-TO-PAD (MC)

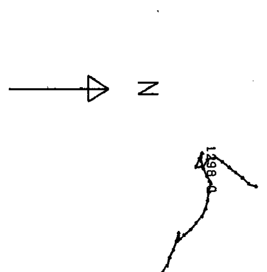
●— CORRELATION COEFFICIENT ABOVE: 0.40
○— CORRELATION COEFFICIENT ABOVE: 0.20

DIP AZIMUTH VECTOR

COMPANY : NAHAMA AND WEAGANT ENERGY CO.
FIELD : MIST
WELL : SASQUATCH 23-31-65

PLOT INFORMATION

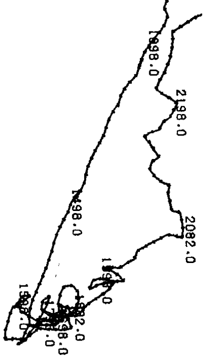
INCLINE FILE : 12X4X86-MSF
DATE/TIME : 92/ 8/10 AT 18
ANALYST : 500638



:58:48

LOG INFORMATION

LOGGING CONTRACTOR : SCHLUMBERGER
TOOL TYPE : SHDT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION : CB PAD-TO-PAD (MC)
CORRELATION INTERVAL : 12.00 FEET
CORRELATION STEP : 4.00 FEET
SEARCH ANGLE : 85.00 DEGREES
SEARCH REFERENCE : BOREHOLE
MAGNETIC DECLINATION : **19.0 EAST**
INCLINE VERSION : 2

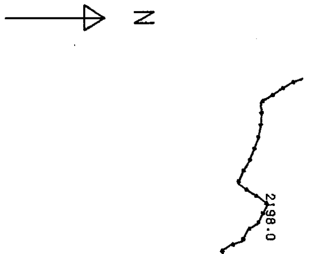


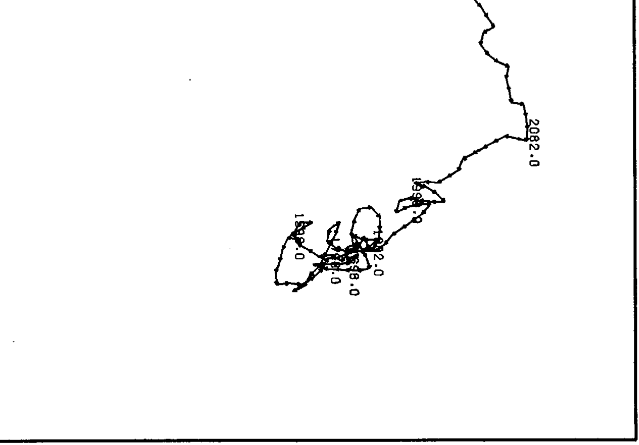
DIP AZIMUTH VECTOR

COMPANY : NAHAMA AND WEAGANT ENERGY CO.
FIELD : MIST
WELL : SASQUATCH 23-31-65

PLOT INFORMATION

INCLINE FILE : **12X4X85-MSF**
DATE/TIME : 92/ 6/10 AT 18:58:13
ANALYST : 500636





LOG INFORMATION

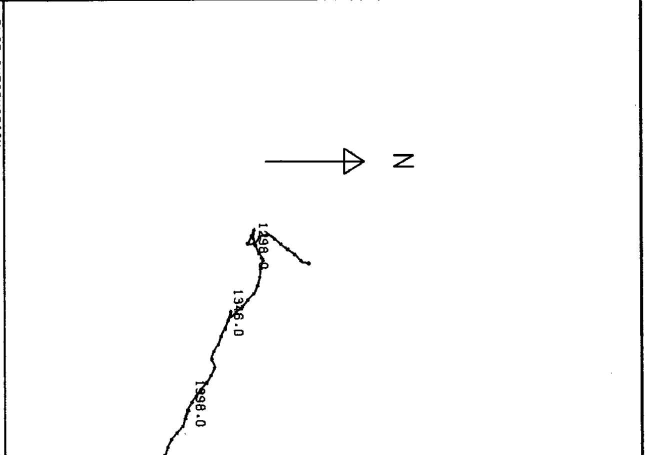
LOGGING CONTRACTOR	: SCHLUMBERGER
TOOL TYPE	: SHDT
DATA SOURCE	: RECALL DATABASE
CORRELATION OPTION	: C8 PAD-TO-PAD (MC)
CORRELATION INTERVAL	: 12.00 FEET
CORRELATION STEP	: 4.00 FEET
SEARCH ANGLE	: 85.00 DEGREES
SEARCH REFERENCE	: BOREHOLE
MAGNETIC DECLINATION	: **19.0 EAST**
INCLINE VERSION	: 2

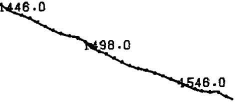
DIP AZIMUTH VECTOR

COMPANY : NAHAMA AND WEAGANT ENERGY CO.
FIELD : MIST
WELL : SASQUATCH 23-31-65

PLOT INFORMATION

INCLINE FILE	: **12X4X85-MSF**
DATE/TIME	: 92/ 6/10 AT 16:57:34
ANALYST	: 500636





LOG INFORMATION

LOGGING CONTRACTOR : SCHLUMBERGER
TOOL TYPE : SHOT
DATA SOURCE : RECALL DATABASE
CORRELATION OPTION : C8 PAD-TO-PAD (MC)
CORRELATION INTERVAL : 12.00 FEET
CORRELATION STEP : 4.00 FEET
SEARCH ANGLE : 85.00 DEGREES
SEARCH REFERENCE : BOREHOLE
MAGNETIC DECLINATION : **19.0 EAST**
INCLINE VERSION : 2