[redacted]

Welex

DIP LOG

COMPANY CHEVRON OIL COMPANY
CHEVRON MINERALS STAFF
WELL ROSSI 21-19
FIELD BEOWAWE
COUNTY LANDERS STATE NEVADA
Location 375' S. & 825' E. of N.W. COR. MDB&M
Sec. 19 Twp 31N Rge 48E
Other Services: IEL CAVL

nent Datum G.L. Elev.
easured From D.F. 15.55 Ft. Above Perm. Datum
Drilling Measured From D.F.
Elev.: K.B. —
D.F.
G.L.

Date	10-18-76			
Run No.	ONE			
Depth—Driller	2000'			
Depth—Welex	2003'			
Btm. Log Inter.	1998			
Top Log Inter.	100'			
Casing—Driller	20" @ 300'	@	@	@
Casing—Welex	30'			
Bit Size	17½"			
Type Fluid in Hole	GEL - WATER W/Lost CIR. MAT'L			
Dens. | Visc.	67 | 68	|	|	|
pH | Fluid Loss	8.0 | - ml	| ml	| ml	| ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	5.00 @ 98 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	5.34 @ 70 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	5.48 @ 68 °F	@ °F	@ °F	@ °F
Source R_{mf} | R_{mc}	M | M	|	|	|
R_m @ BHT	4.52 @ 108 °F	@ °F	@ °F	@ °F
Time Since Circ.	7 HRS			
Max. Rec. Temp.	108½ °F @ BHT @ 7:15PM	°F @	°F @	°F @
Equip. | Location	9430 | WDLD	|	|	|
Recorded By	DOVE			
Witnessed By	MR R. BRUCE T. PARNON, R ALLMENDINGER			

Fold Here

Service Ticket No. 006637 Remarks:

Change in Mud Type or Additional Samples

Date | Sample No.	|	|
Depth—Driller		
Type Fluid in Hole		
Dens. | Visc.	|	|
ph | Fluid Loss	| ml	|
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} | R_{mc}	|	|
R_m @ BHT	4.52 @ 108 °F	@ °F
R_{mf} BHT	3.46 @ 108 °F	@ °F
R_{mc} BHT	3.45 @ 108 °F	@ °F

Tool on Bottom 7:15P.M.

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	DIP 13100		CENT	

Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible, except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

Driller Straight Hole
1½° S-86-E correction S-68½-E

ROLL NO.	INTERVAL
1	1997 TO 100'

MAGNETIC DECLINATION

ORIENTATION

AZIMUTH ARM #1
FROM MAGNETIC NORTH
0° 120° 240° 360°
N E S W N

DRIFT AZIMUTH
0° 120° 240° 360°

DRIFT ANGLE
0° 9°

CORRELATION CURVES
RESISTIVITY →

NO. 1

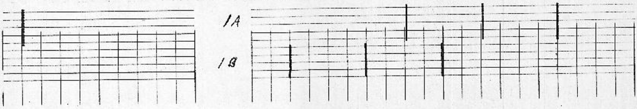
NO. 2

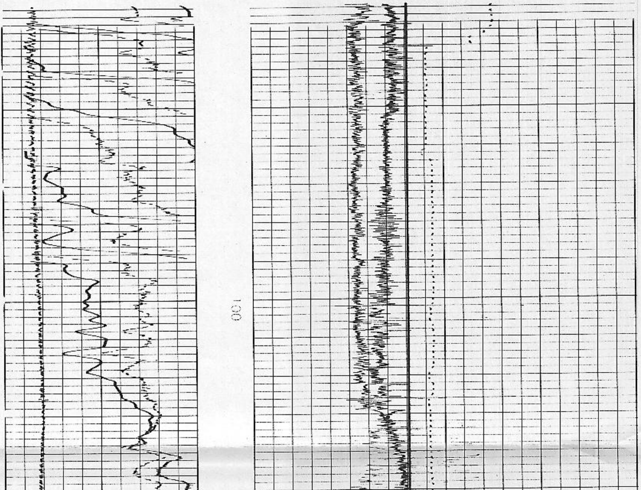
NO. 3

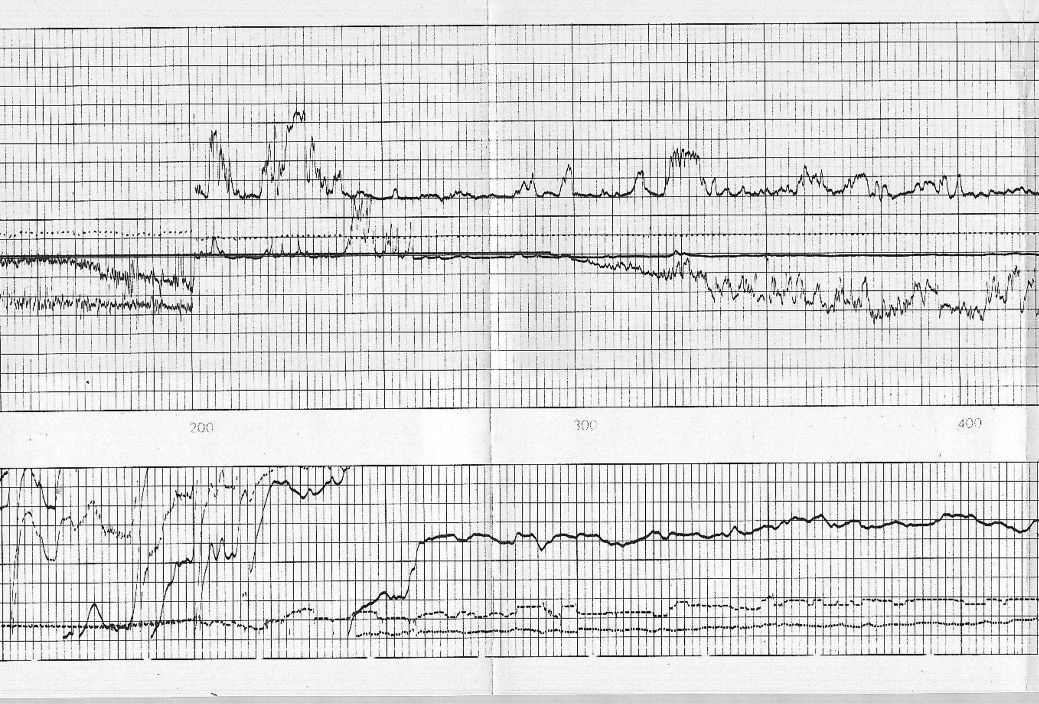
CALIPER

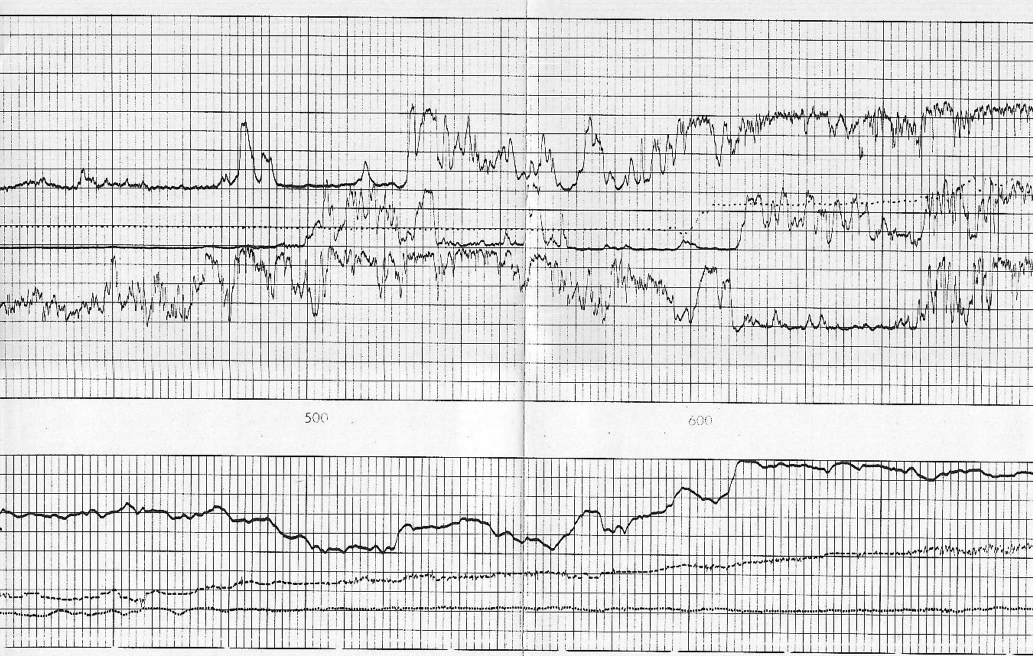
DIAMETER OF HOLE IN INCHES
4" 9"

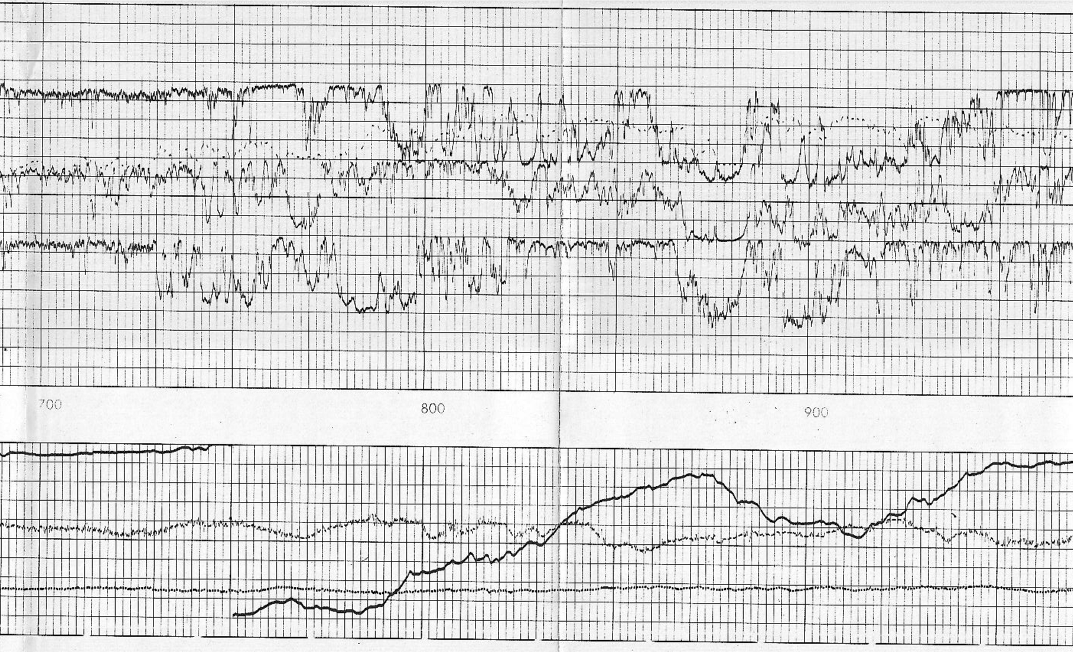
AFTER LOG

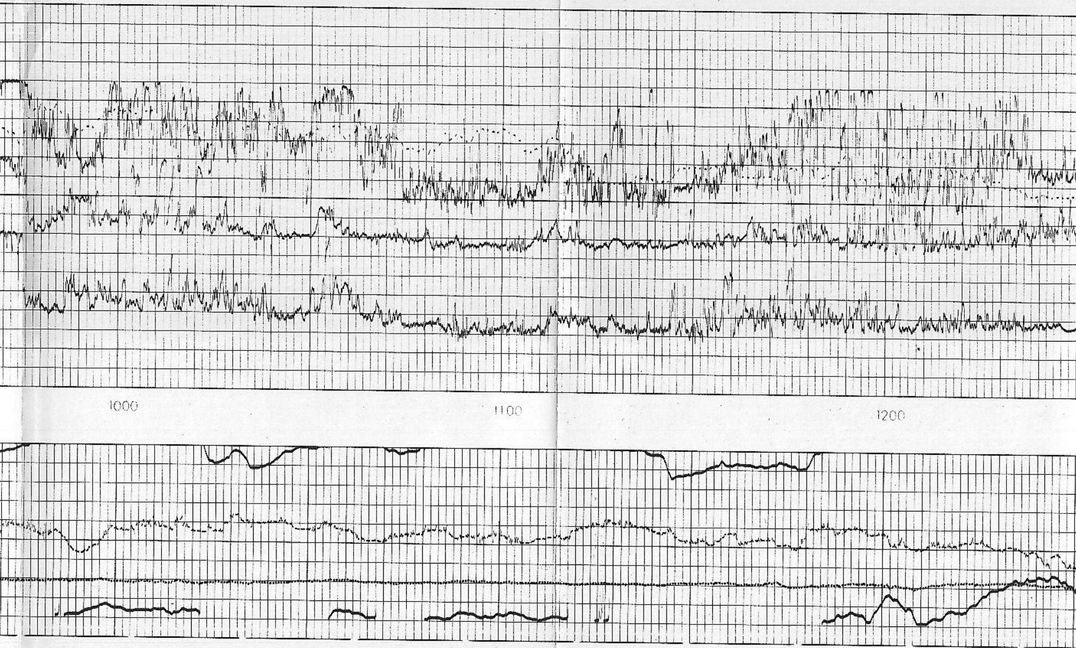


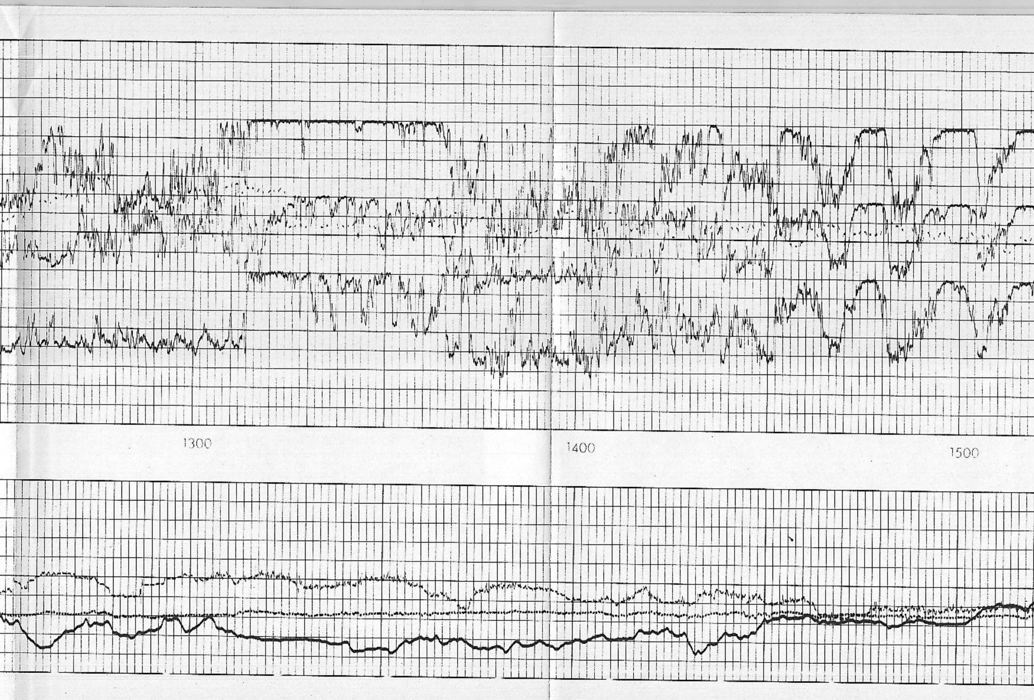


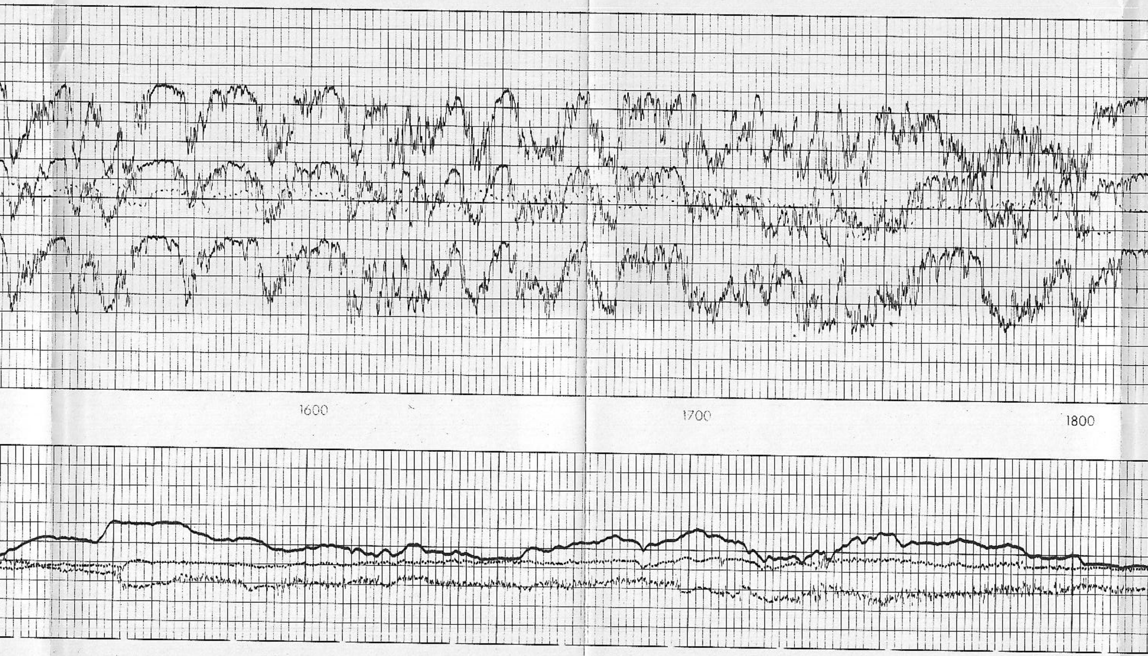


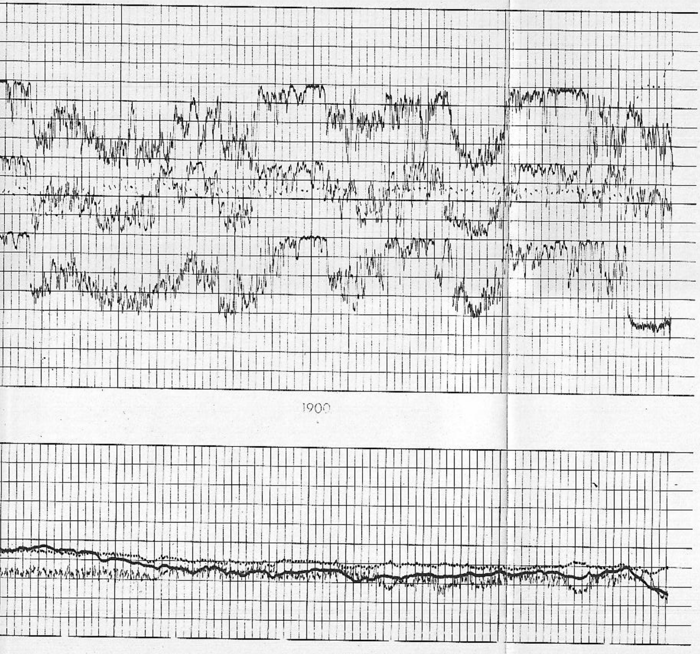


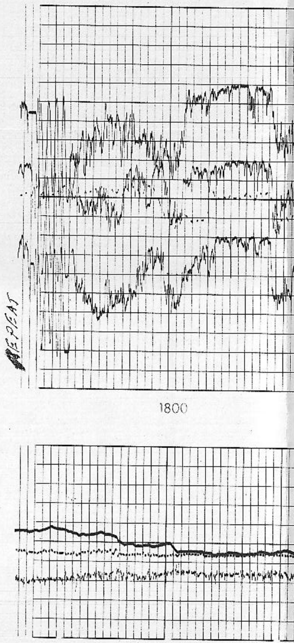


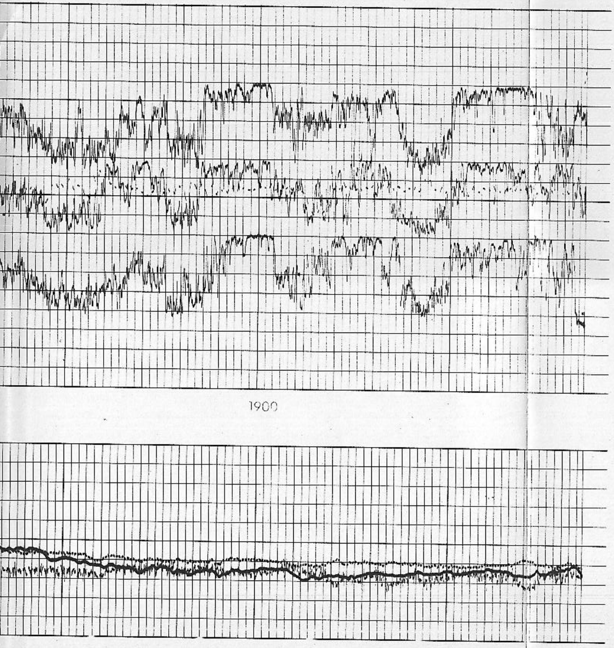




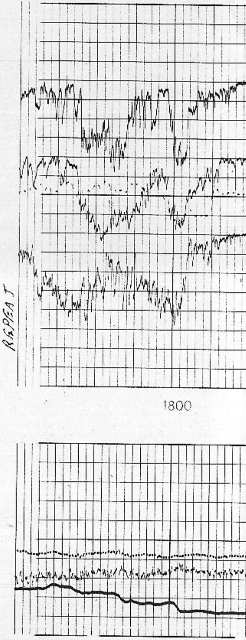


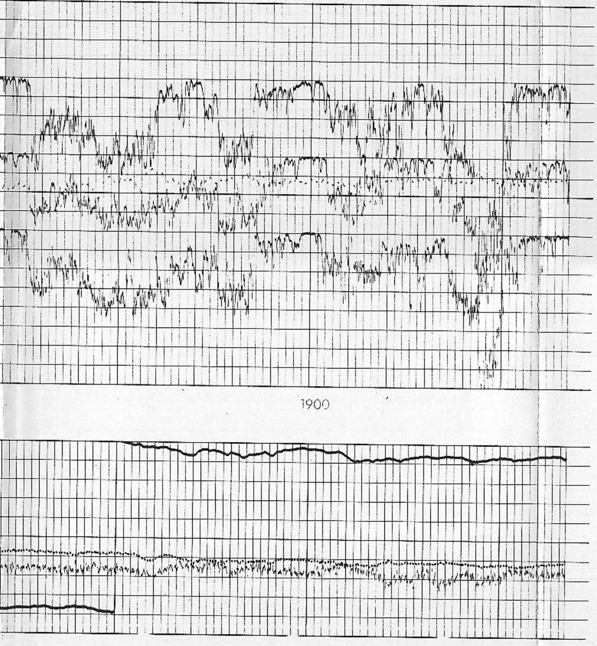


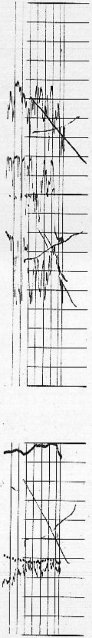


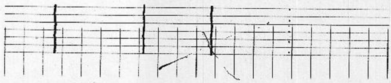


REPEAT

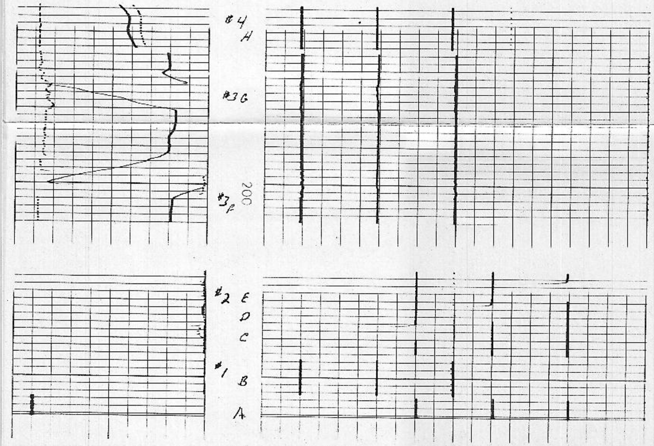








BEFORE LOG



AZIMUTH ARM #1
FROM MAGNETIC NORTH

0° 120° 240° 360°
N E S W N

DRIFT AZIMUTH
0° 120° 240° 360°

DRIFT ANGLE
0° 9°

19" 9"
DIAMETER OF HOLE IN INCHES

NO. 1

NO. 2

NO. 3

ORIENTATION		RESISTIVITY → **CORRELATION CURVES**	**CALIPER**

COMPANY CHEVRON OIL COMPANY
WELL ROSSI 21-19
FIELD BEOWAWE
COUNTY LANDERS STATE NEVADA

Rm 4.52 at 108 °F
ROLL NO. one
DEPTH INTERVAL THIS ROLL
FROM 1997 to 100'

FIELD CHECKS MADE PRIOR TO LOGGING

# 1 Zero and Calibrate All Channels

- A. Zero value, all curves
- B. Calibrate value, all curves

# 2 Profile Curve Identification

- C. # 1 Arm shorted
- D. # 2 Arm shorted
- E. # 3 Arm shorted

# 3 Orientation System and Caliper Check (Using Large Caliper Ring)

- F. Tool tilted greater than 2° to North. Arm # 1 approximately West
- G. Tool rotated 360° clockwise, then 360° counterclockwise

# 4 Drift Angle and Caliper Check (Using Small Caliper Ring)

- H. Tool hanging free on line in derrick

LAIDLFC—AA .08841–R