MAR 10 1980

Schlumberger

FOUR — ARM HIGH RESOLUTION
CONTINUOUS DIPMETER

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL AQP LONGVIEW FIBRE NO. 25-32 REDRILL NO.1

FIELD MIST

COUNTY COLUMBIA **STATE** CALIFORNIA

LOCATION SOUTHWEST - NORTHEAST

API SERIAL NO.

SEC.	TWP	RANGE
25	6N	5W

Other Services: DI-SFL

COUNTY COLUMBIA
FIELD MIST
LOCATION 25-6N-5W
WELL AQP LONGVIEW FIBRE
NO. 25-32 REDRILL NO. 1
COMPANY AMERICAN QUASAR

Permanent Datum: GL ; Elev.: 876
Log Measured From KB 12 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 888
D.F. -
G.L. 876

Date	2-13-80			
Run No.	ONE			
Depth—Driller	3261			
Depth—Logger (Schl.)	3251			
Btm. Log Interval	3250			
Top Log Interval	518			
Casing—Driller	8½" @ 518	@	@	@
Casing—Logger	518			
Bit Size	6 1/8"			
Type Fluid in Hole	LIGNOSULFONATE			
Dens. | Visc.	9.5 | 37			
pH | Fluid Loss	10 | 8 ml	ml	ml	ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	2.46 @ 56 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.74 @ 52 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.26 @ 45 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	1.43 @ 94 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0130			
TIME Logger on Bottom	0500			
Max. Rec. Temp.	96 °F	°F	°F	°F
Equip. | Location	7763 | SAC			
Recorded By	ANDERSEN			
Witnessed By Mr.	MANN			

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

REMARKS: Service Order No. 123134 Magnetic Declination 20 E
LIGHTWEIGHT UNIT PORTLAND, OREGON

Run No.		1	2	3	4
Tool Type		HDT G			
HDP		D 970			
DDR	TTR	1940			
DPI		2733			
HDM		J 729			
HDE		CB			
HDS		H 727			
Adapter Head		CPW H 1736			
UG | CG | SAH		--- | --- | ---			
5" Film | 10" Film | 60"Record		X | | X			
Analog | Digital		X			
TIME Circulation Stopped		0130			
TIME Schl. on Bottom		0500			

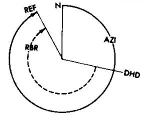
ROLL NO.	INTERVAL

TOOL AZIMUTH AND HOLE DIRECTION CALCULATION

(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.

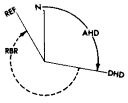
DEFINITIONS

(AZI) AZIMUTH OF REFERENCE ELECTRODE = Clockwise angle from N to REF.
(RBR) RELATIVE BEARING = Clockwise angle from DHD to REF.
(AHD) AZIMUTH OF HOLE DEV. (TOOL AXIS) = Clockwise angle from N to DHD.



LOW ANGLE UNIT ☐

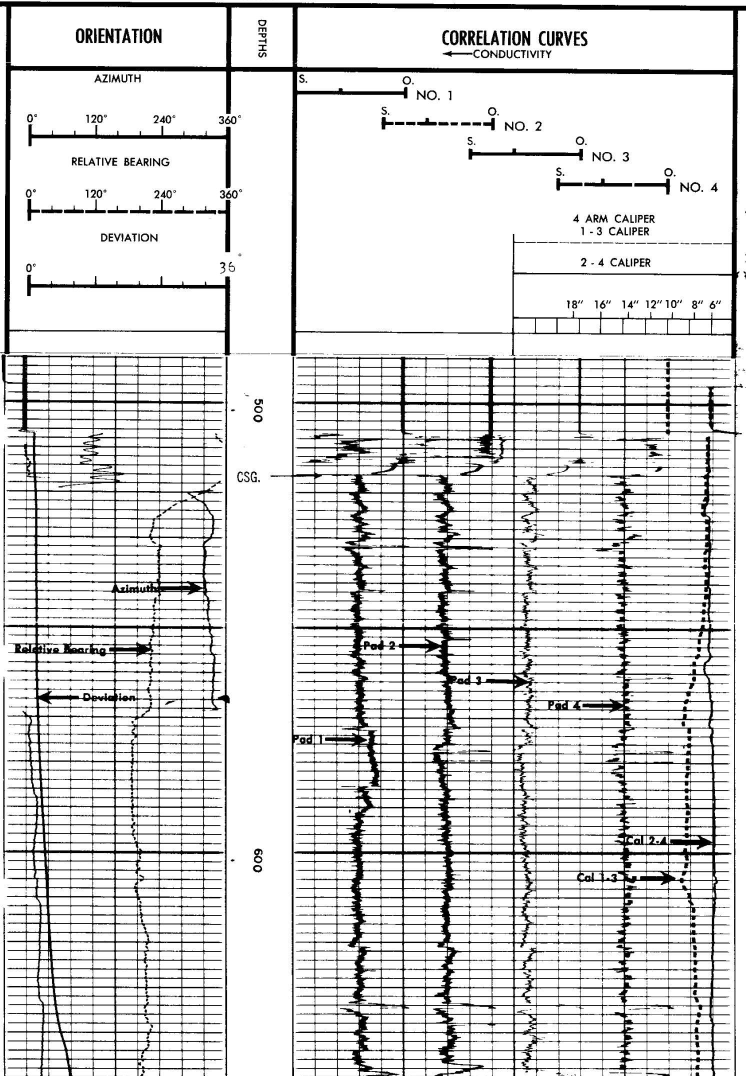
EXAMPLE
HDM - Low Angle Unit (0-36°)
AZI (solid curve) = 330°
RBR (dotted curve) = 230°
AHD = AZI − RBR = 330° − 230° = 100°

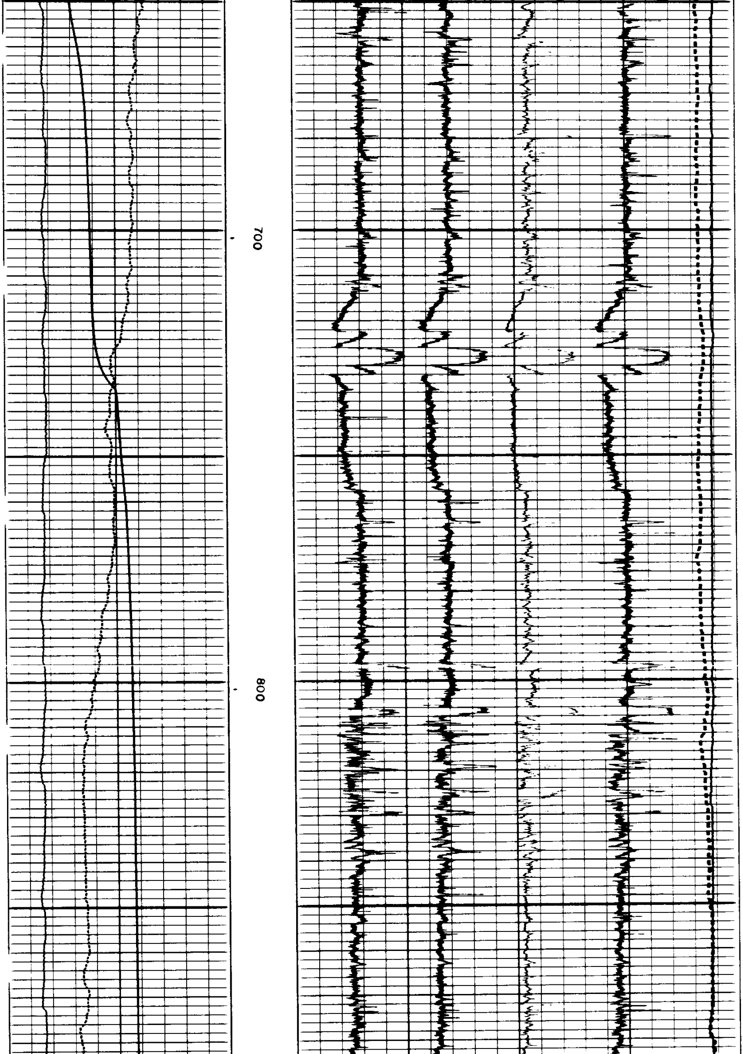


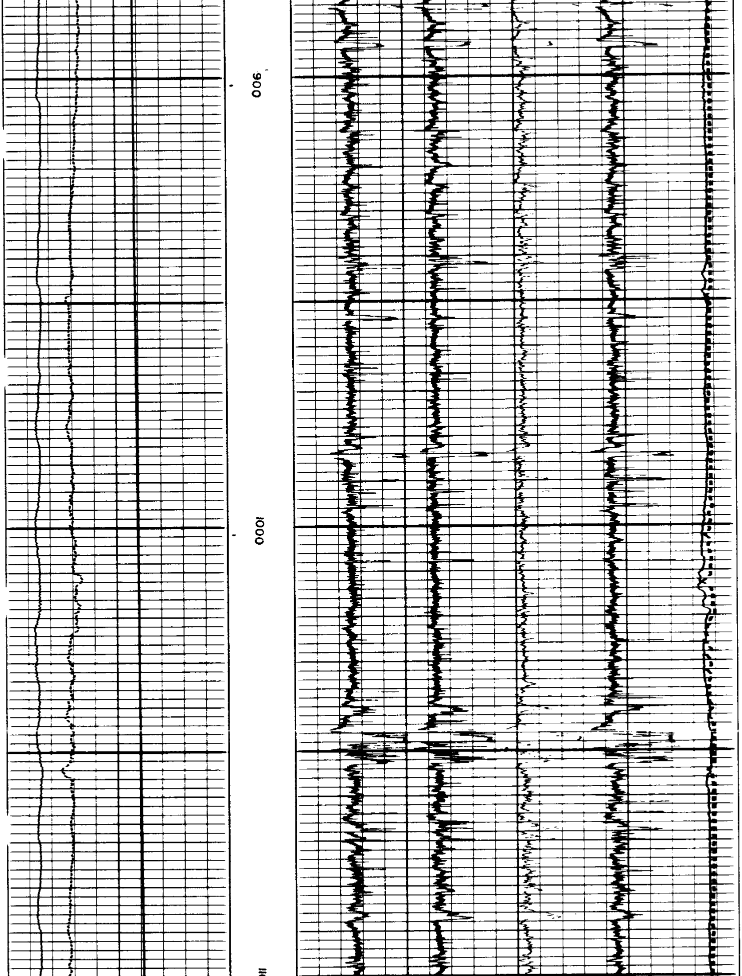
HIGH ANGLE UNIT ☒

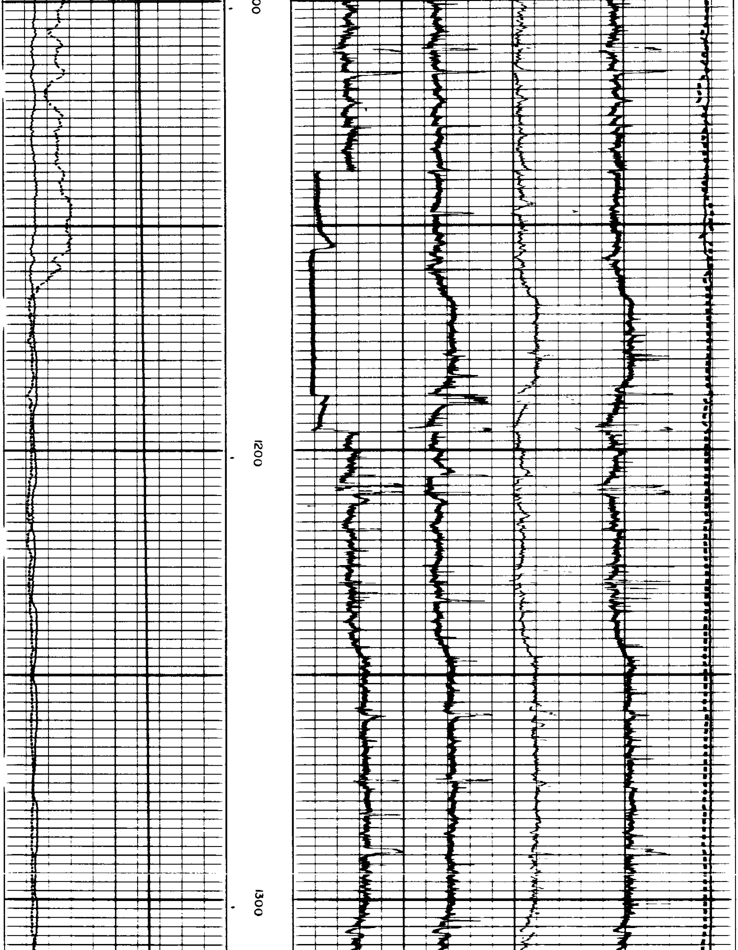
EXAMPLE
HDM - High Angle Unit (0-72°)
AHD (solid curve) = 100°
RBR (dotted curve) = 230°
AZI = AHD + RBR = 100° + 230° = 330°

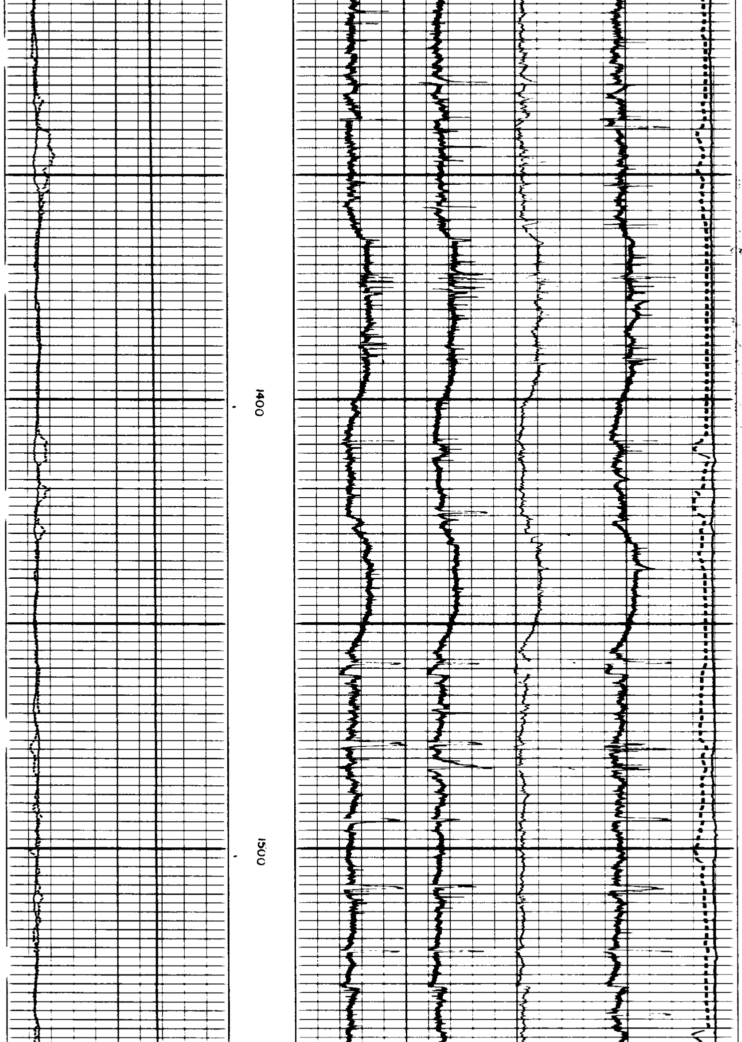
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

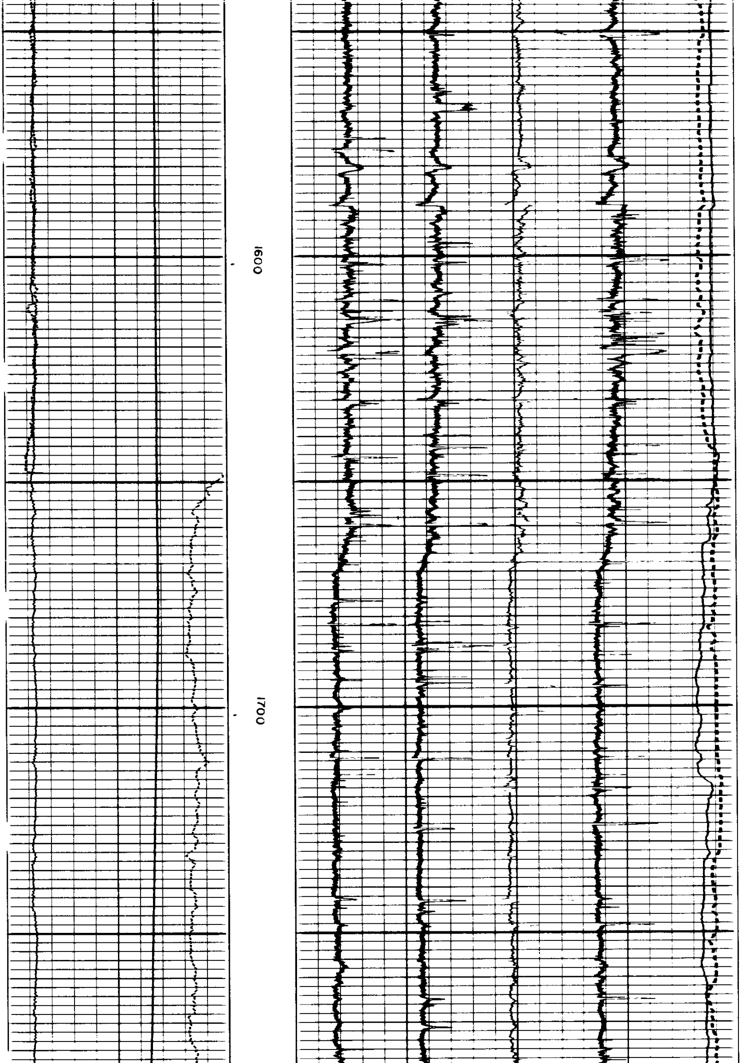


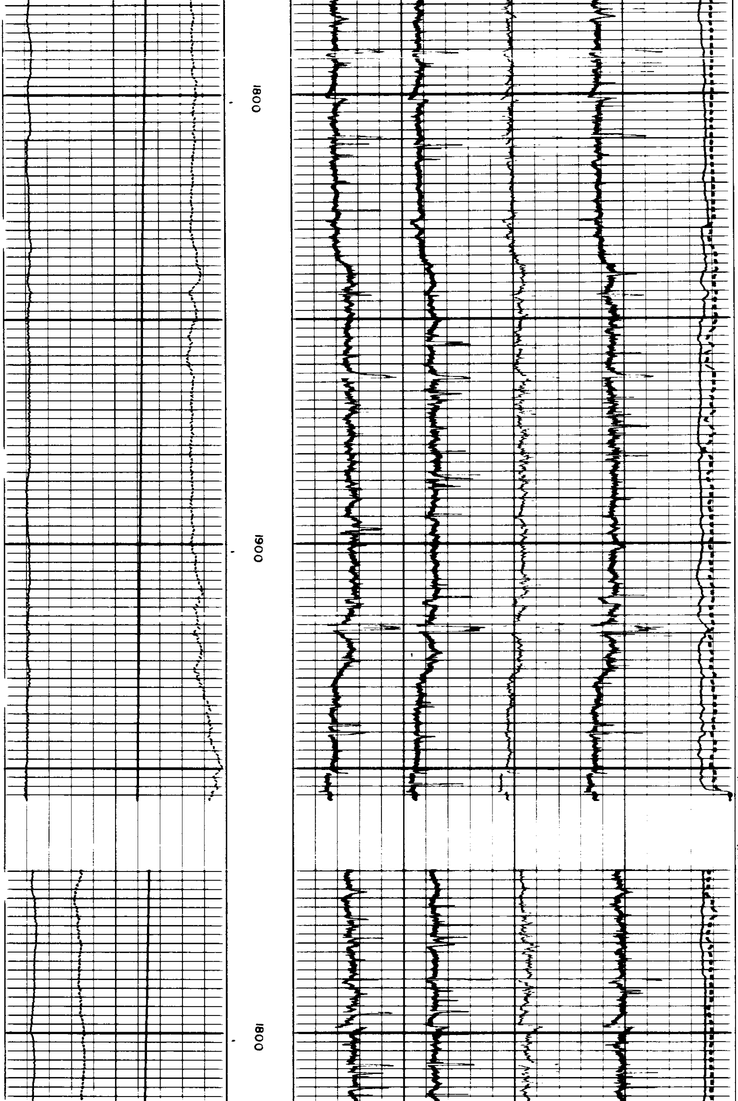


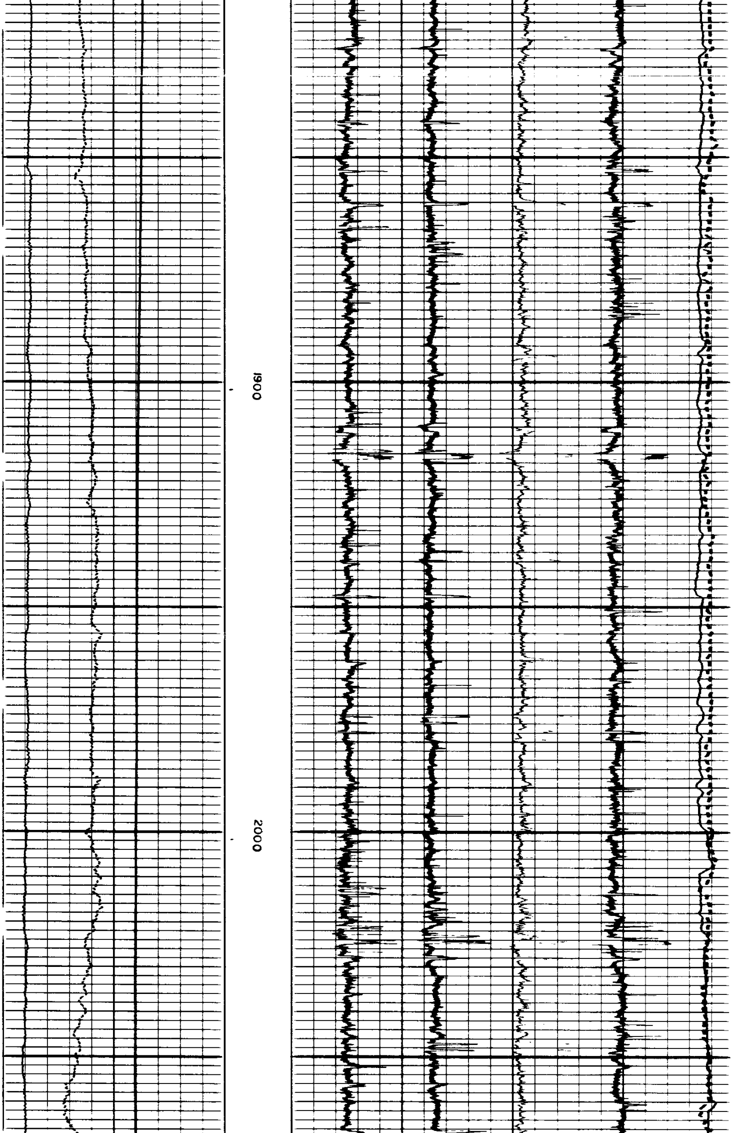


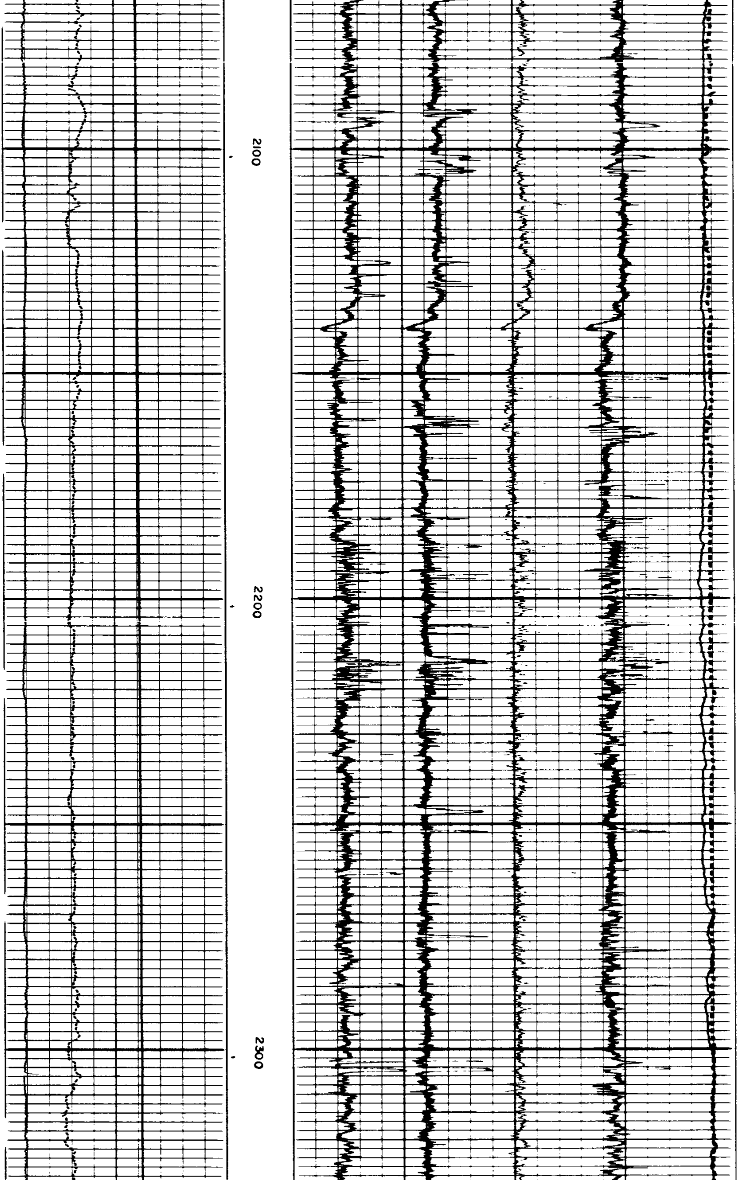


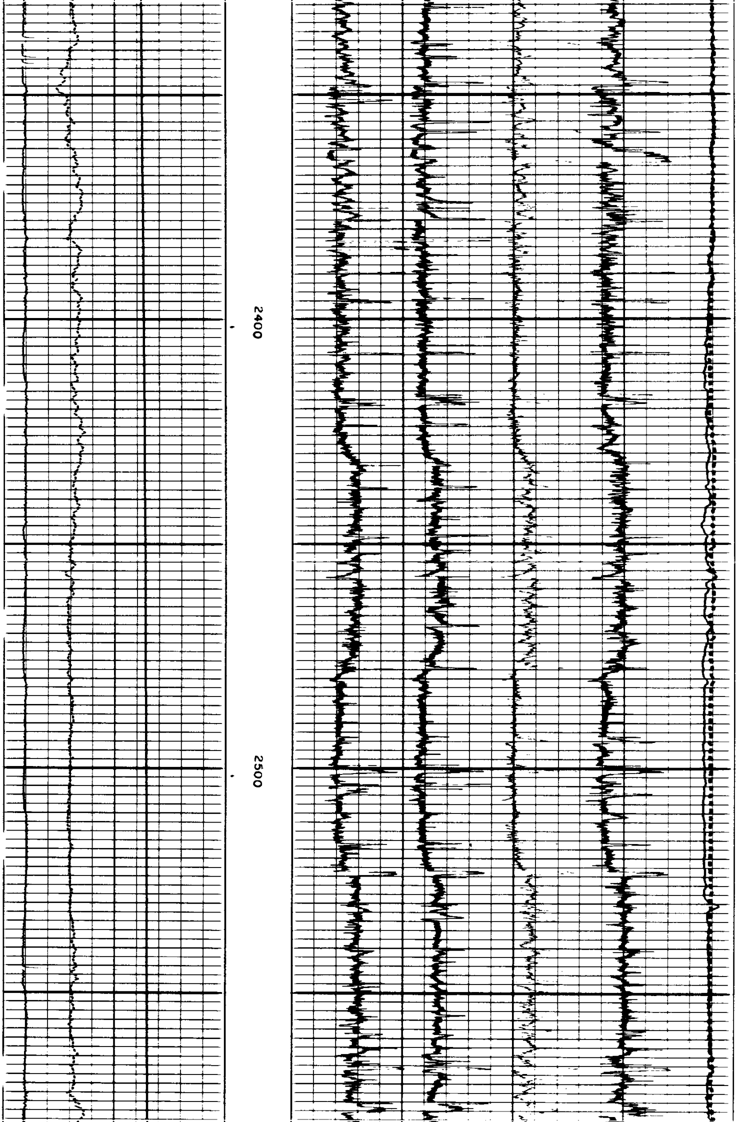


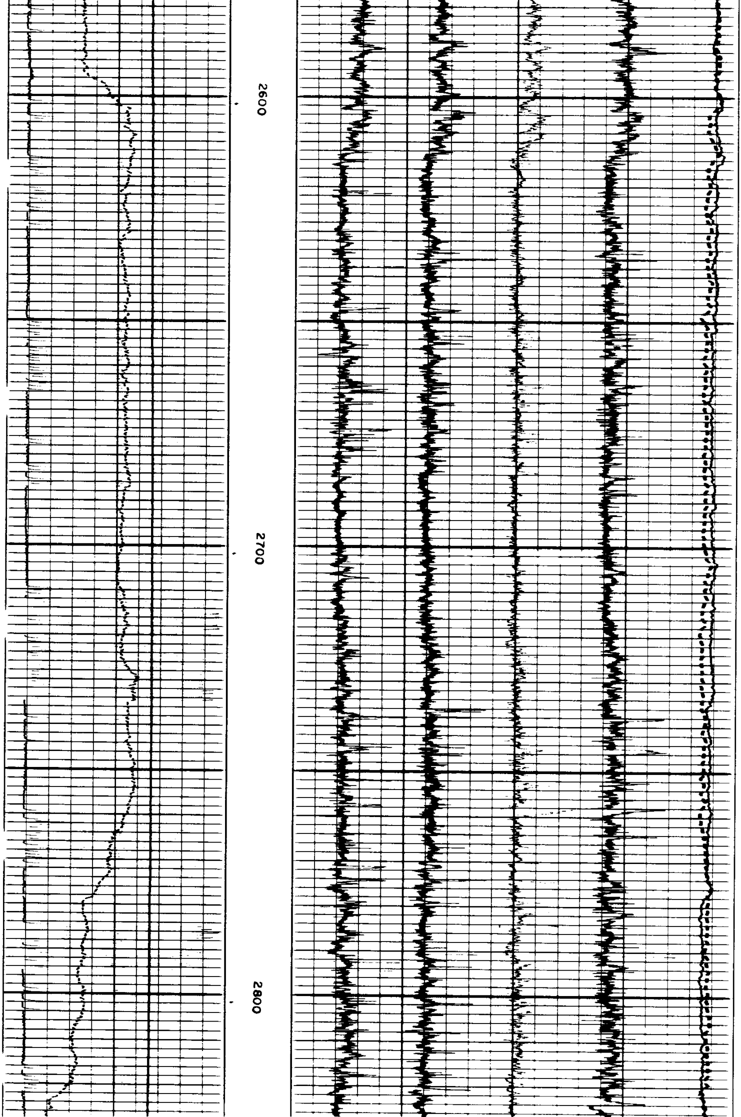


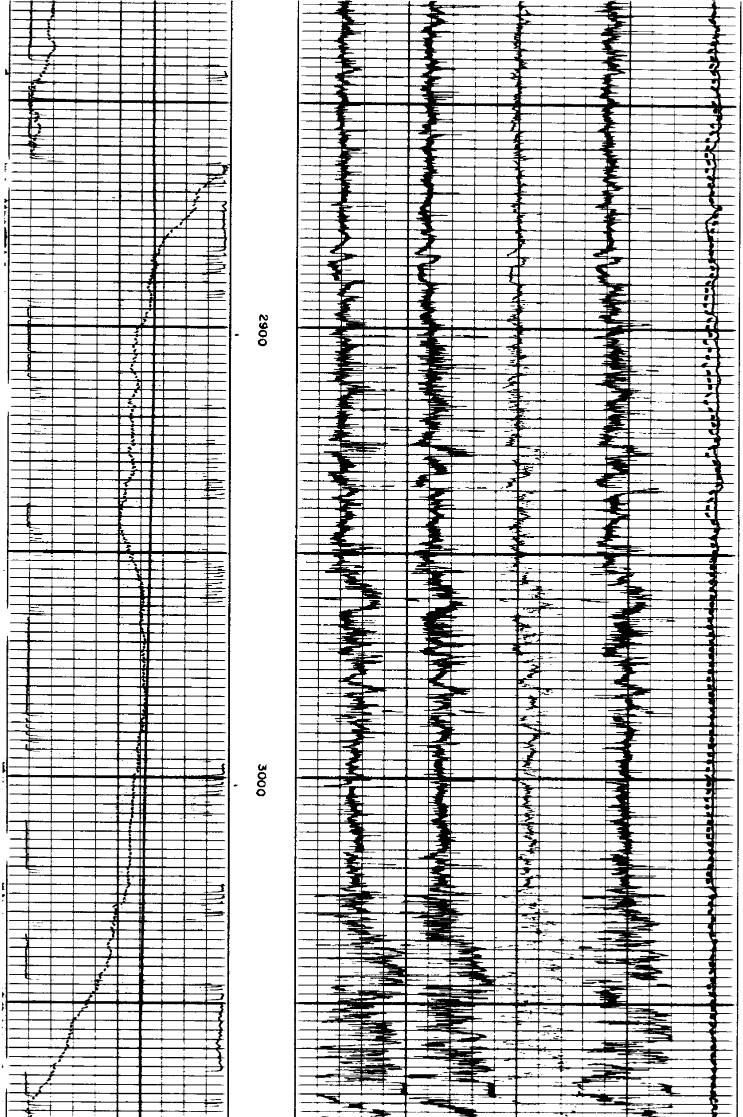


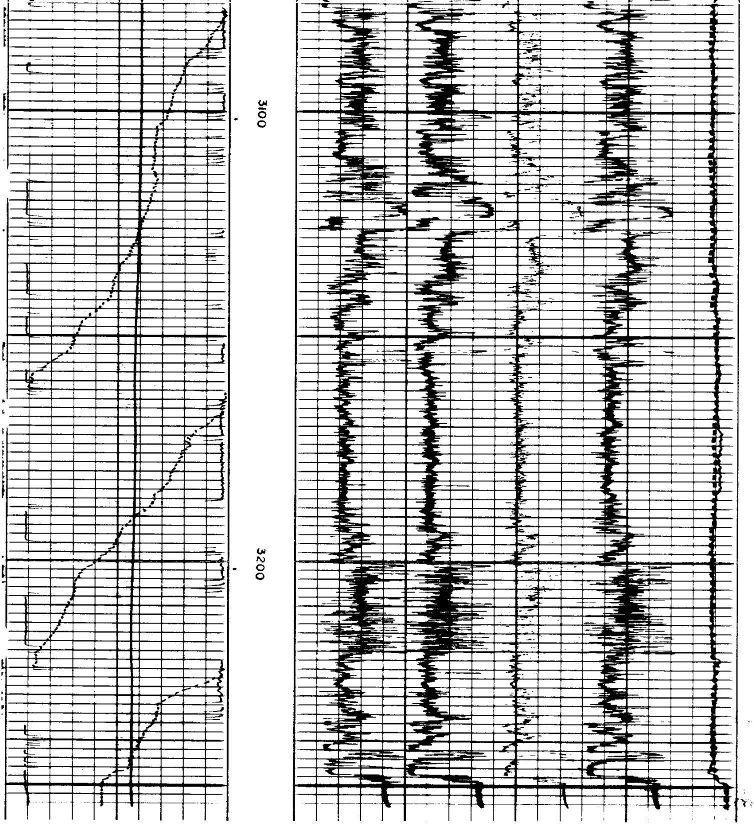




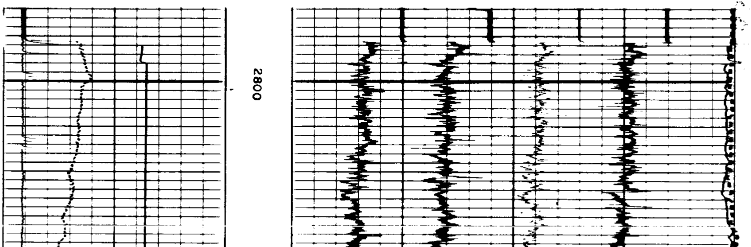


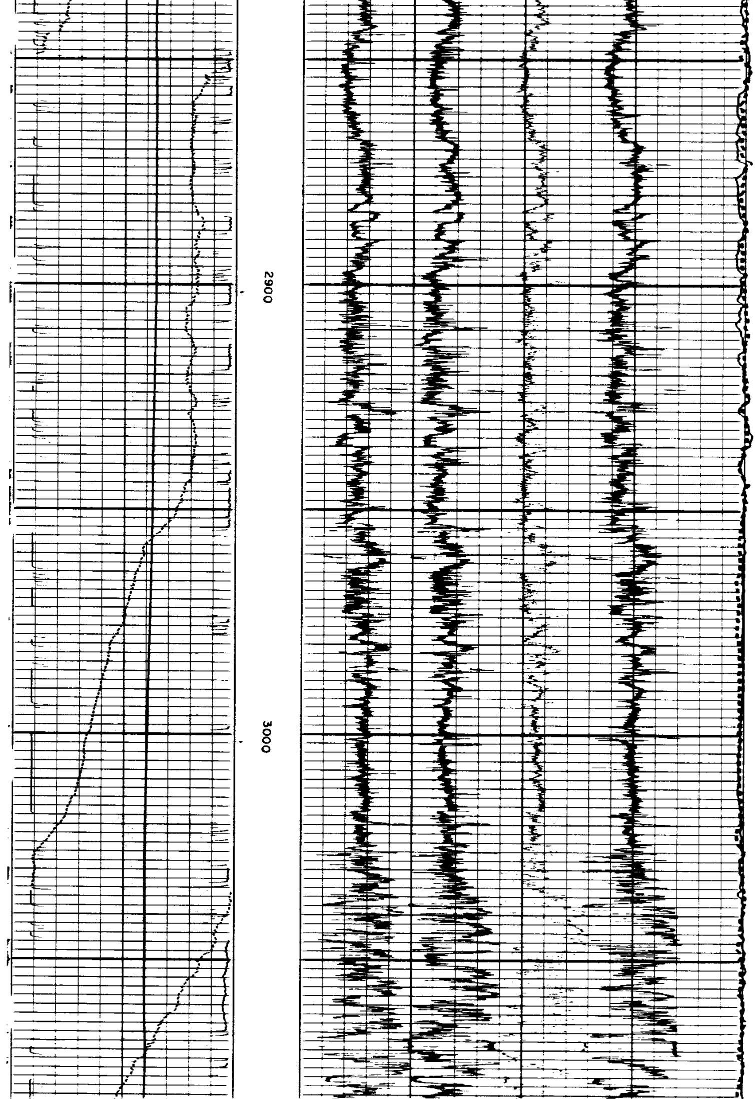


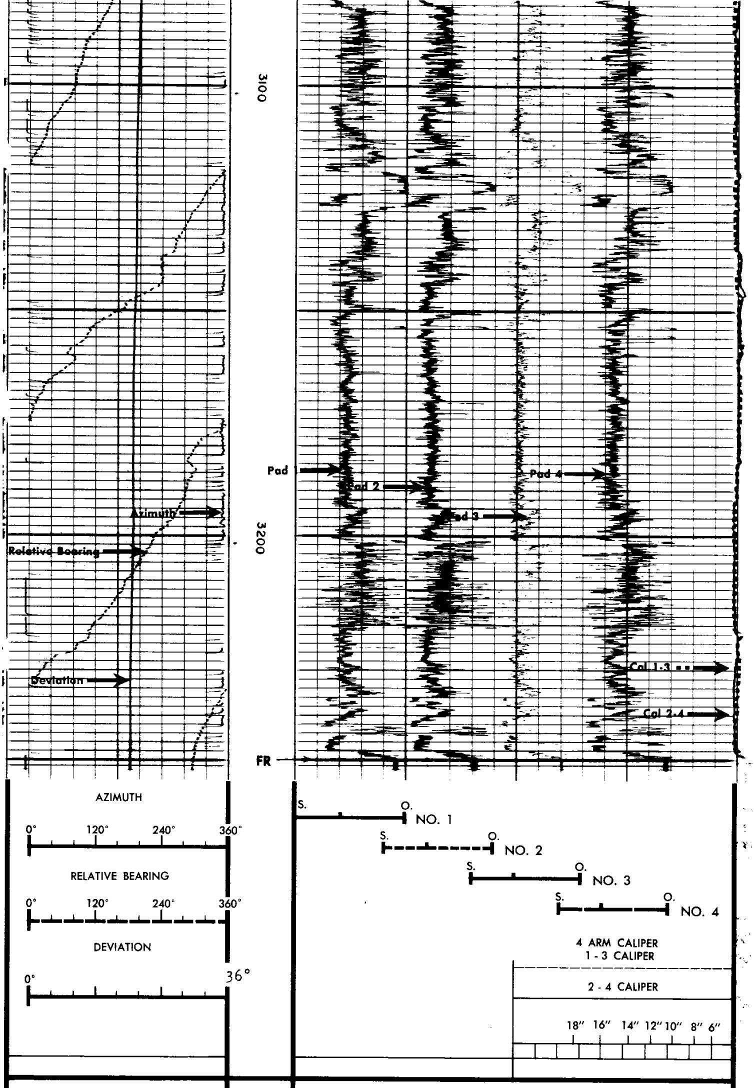


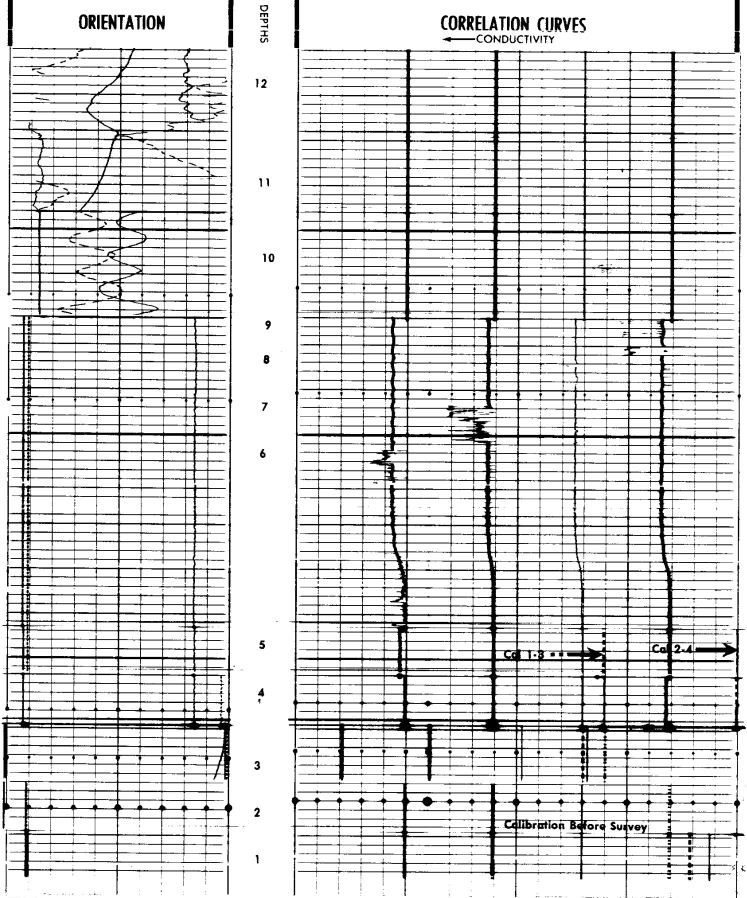


REPEAT SECTION









CALIBRATION RECORD

COMPANY AMERICAN QUASAR PETROLEUM COMPANY

WELL AQP LONGVIEW FIBRE NO. 25-32 REDRILL NO. 1

FIELD MIST

COUNTY COLUMBIA STATE OREGON

HIGH RESOLUTION DIPMETER CALIBRATION CODING

1. MECHANICAL ZERO
2. ELECTRICAL ZERO
3. FULL SCALE ADJUST
4. CALIPER ADJUST AT 6" AND 16" CALIPER 1-3 IS CODED
5. CALIPER ADJUST AT 6" AND 16" CALIPER 2-4 IS SOLID
6. PAD #1 RESPONSE CHECK
7. PAD #2 RESPONSE CHECK
8. PAD #3 RESPONSE CHECK
9. PAD #4 RESPONSE CHECK
10. SONDE HANGING VERTICALLY
11. TOOL AND PAD #1 POINTED NORTH
12. TOOL ROTATING