ATLAS WIRELINE SERVICES

Western Atlas International

DIPLOG®

FILE NO.

API NO.

5" = 100'

COMPANY NORTHWEST NATURAL GAS
OREGON NATURAL GAS DEVELOPMENT CORP.
WELL IW33AC-3
FIELD MIST
COUNTY COLUMBIA STATE OR.

LOCATION:
1469.94' N & 1706.49' W
FROM THE SW CORNER OF:

SEC 3 TWP 6N RGE 5W

OTHER SERVICES
DIFL//AC/GR
CDL/CN/GR

PERMANENT DATUM GL ELEV. 1075.1
LOGGING MEASURED FROM KB 11.5 FT. ABOVE P.D.
DRILLING MEASURED FROM KB

ELEVATIONS
KB 1086.6'
DF --
GL 1075.1'

DATE	11-29-90	
RUN	1	
SERVICE ORDER	65504	
DEPTH-DRILLER	2621'	
DEPTH-LOGGER	2613'	
BOTTOM LOGGED INTERVAL	2611'	
TOP LOGGED INTERVAL	572'	
CASING - DRILLER	17 1/2"	@ 572'
CASING - LOGGER	572'	
BIT SIZE	12 1/4"	
TYPE FLUID IN HOLE	GEL	
DENSITY / VISCOSITY	8.0	40
PH / FLUID LOSS	8.5	5.8
SOURCE OF SAMPLE	FLOWLINE	
RM AT MEAS. TEMP.	3.40	@ 65 DEG. F
RMF AT MEAS. TEMP.	2.50	@ 65 DEG. F
RMC AT MEAS. TEMP.	4.20	@ 65 DEG. F
SOURCE OF RMF / RMC	M	M
RM AT BHT	2.10	@ 105 DEG. F
TIME SINCE CIRCULATION	7 HRS	
MAX. REC. TEMP. DEG. F	105 DEG. F	
EQUIP. NO. / LOC.	6399	BAKS.
RECORDED BY	M. HINDS	
WITNESSED BY	MR. ROTH/THOMAS	

FINAL PRINT

FOLD HERE

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY 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.

REMARKS RUN (1)

AZIMUTH...0 to 360 deg
DEVIATION...0 to 18 deg
DAZ...0 to 360 deg
CALIPER 26" to 6"

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	CDL	74178	2227A	DE-CENT
1	1	CAL	74178	2227XA	1-ARM
1	1	CN	52364	2435XA	DECENT
1	1	GR	60484	1309XA	DE-CENT
1	1	TEMP			
1	1	PCM	73003	3506XA	DE-CENT
1	1	DIP	78403/52403	1016/1010	CENT

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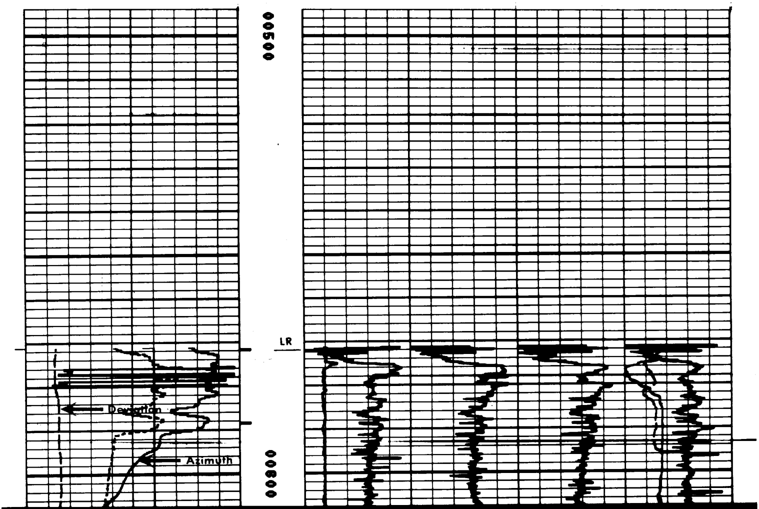
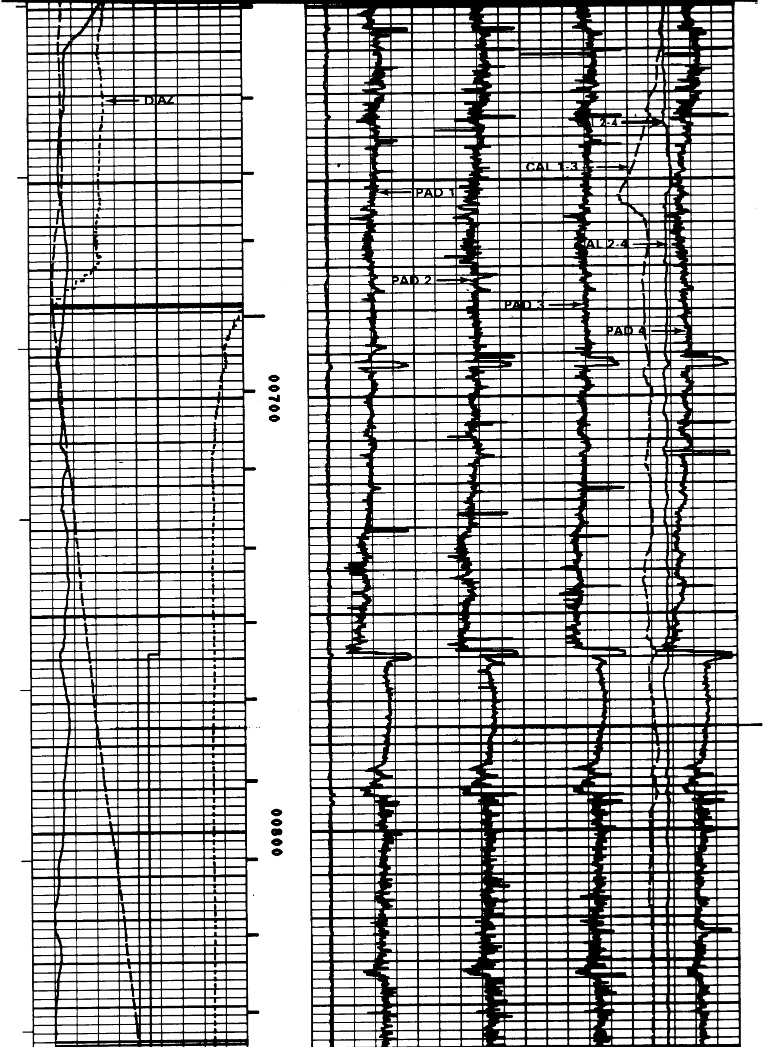
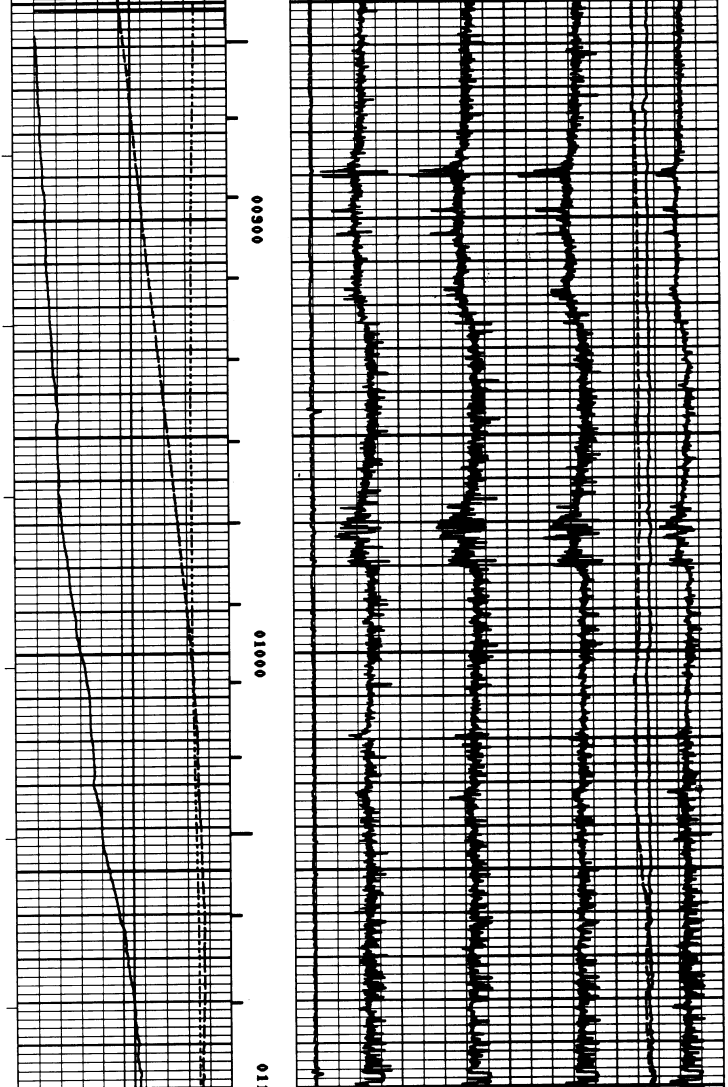
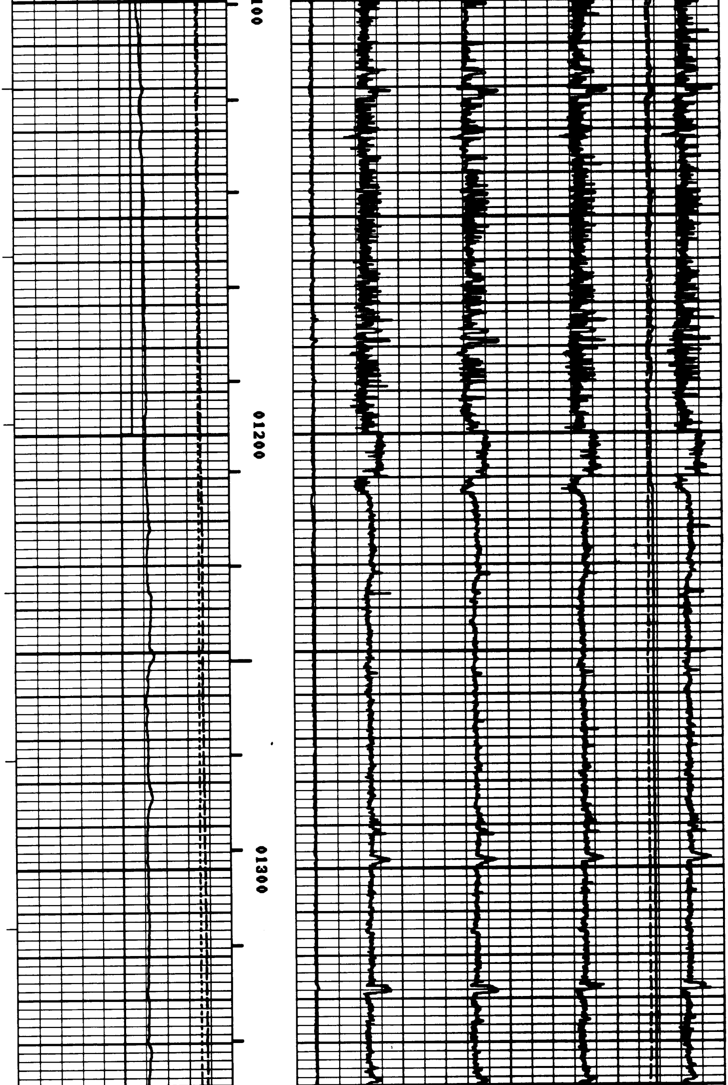
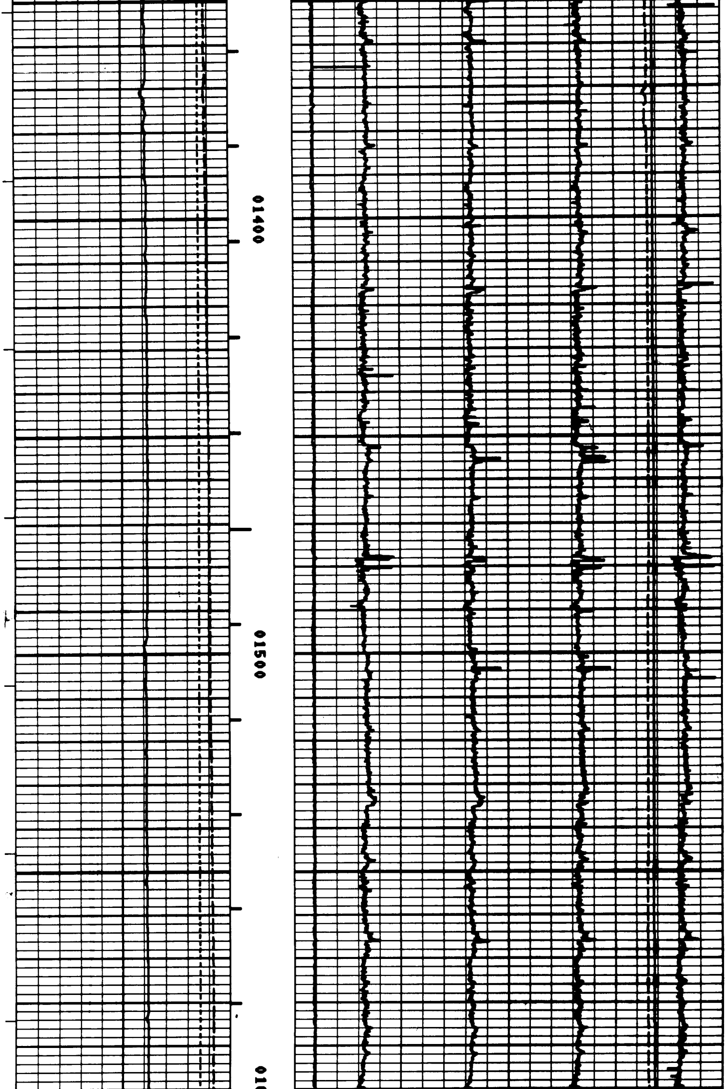
SERVICE DL3508 FILE 5

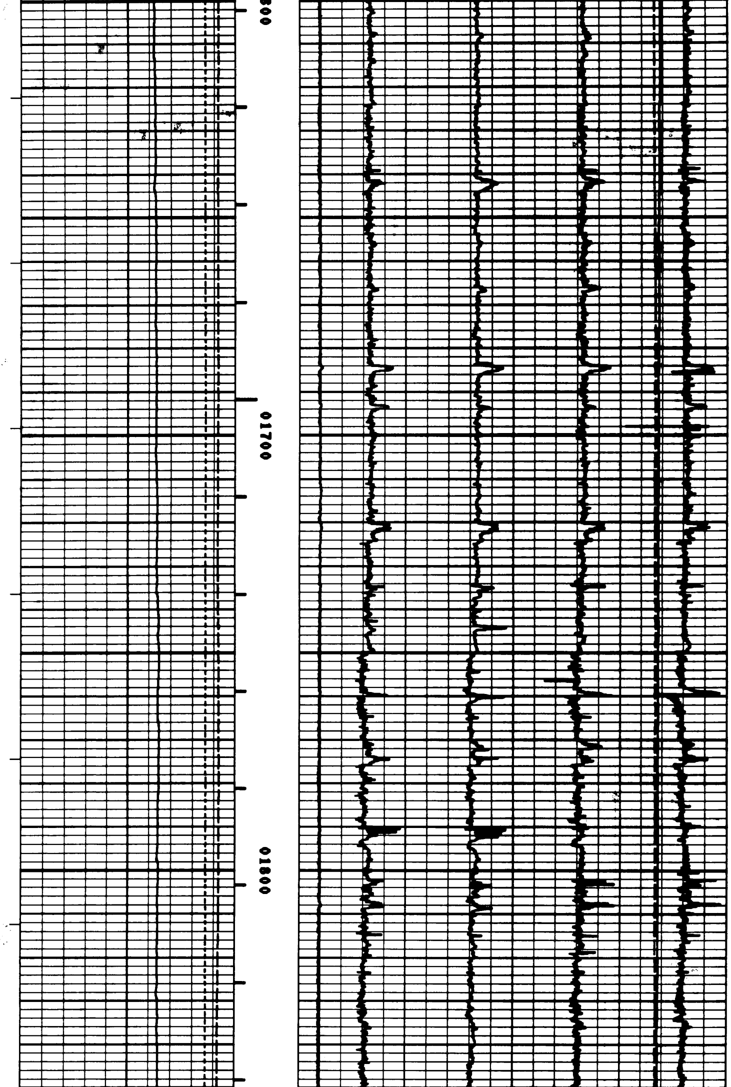


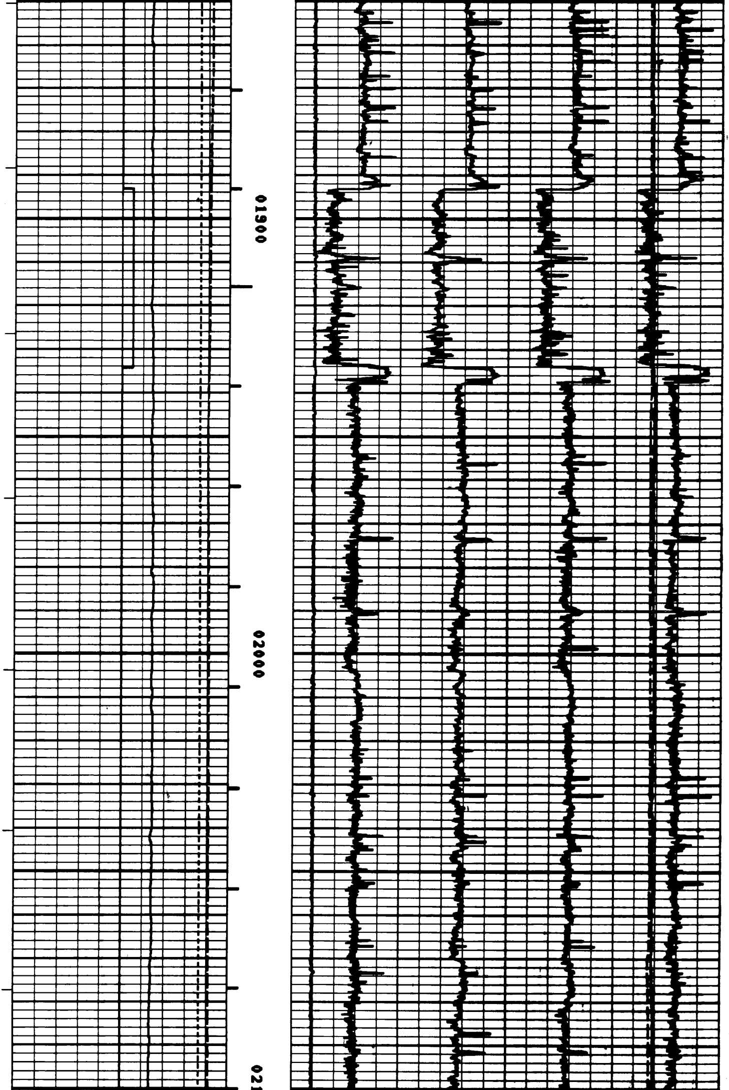


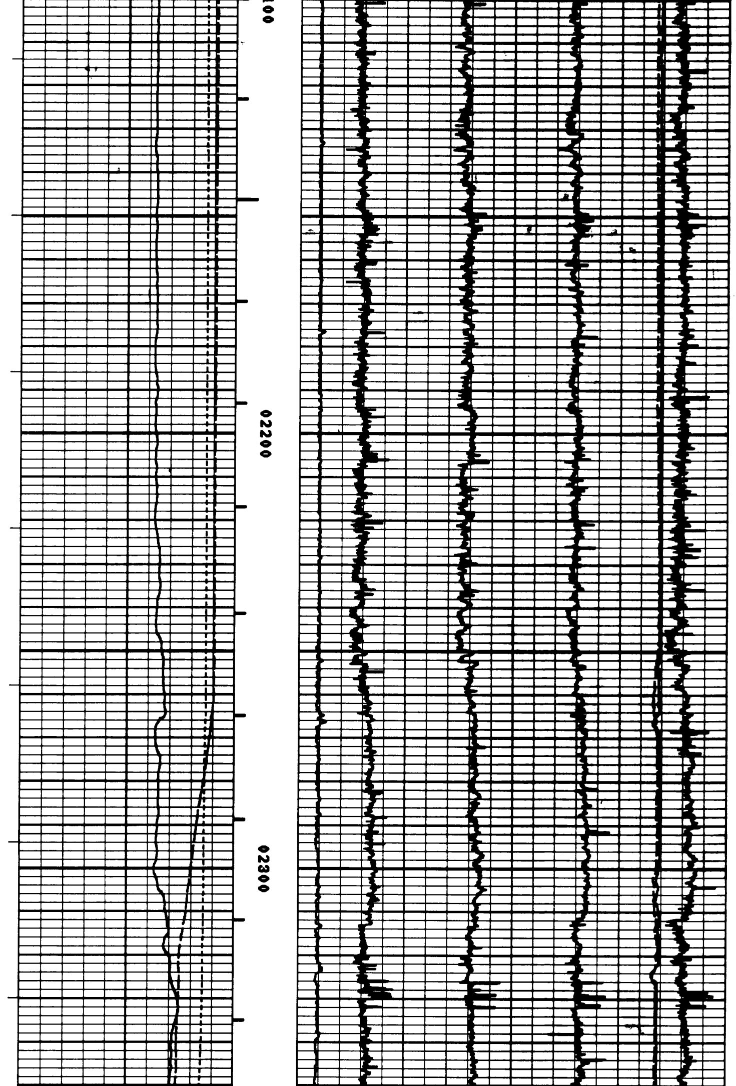


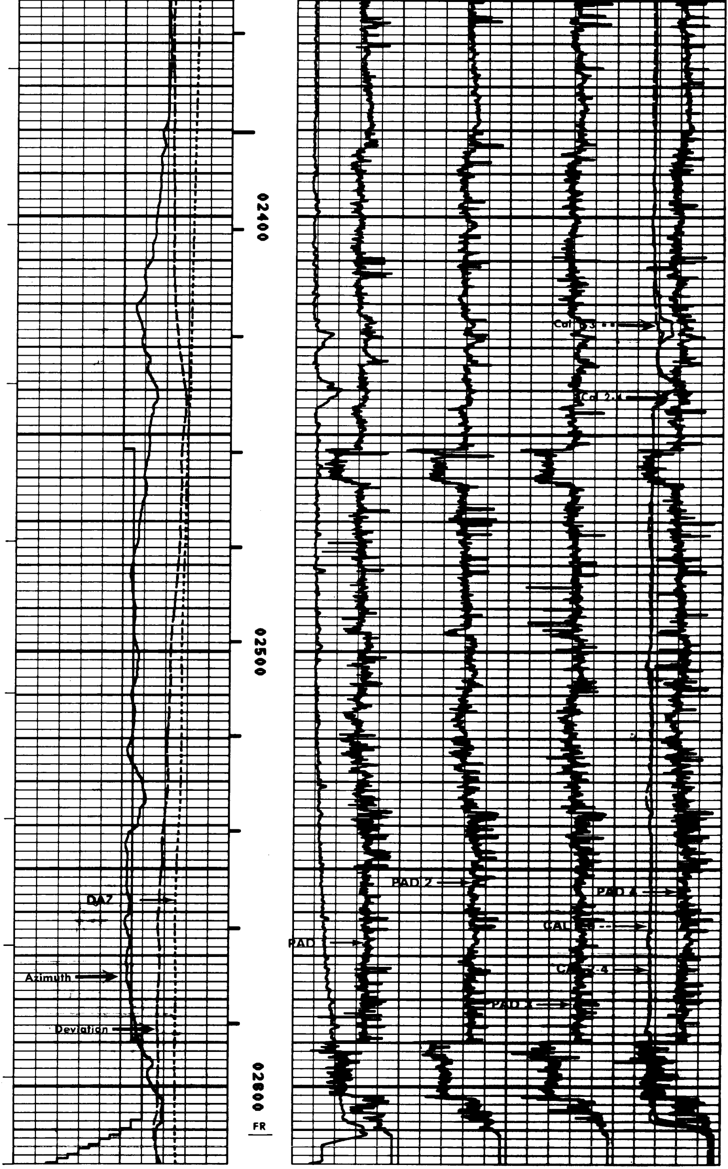












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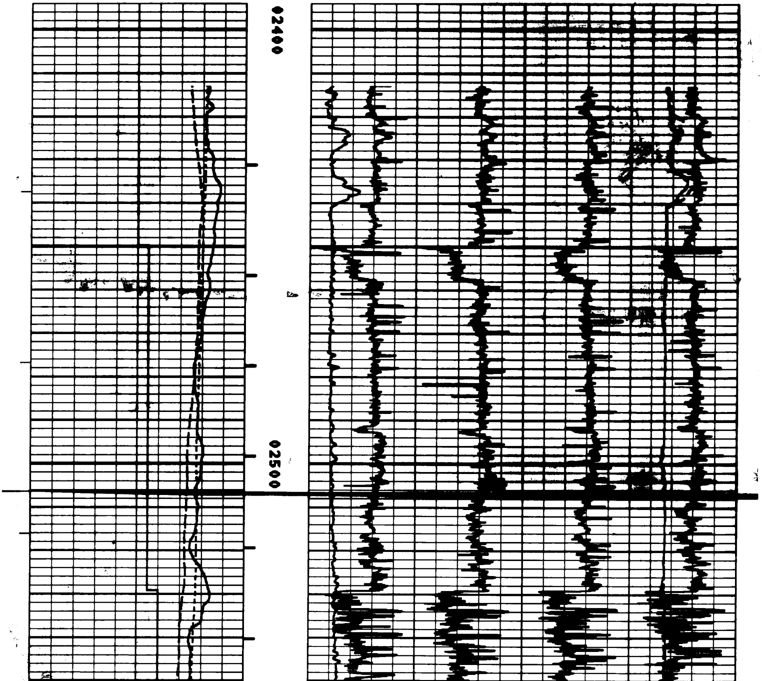
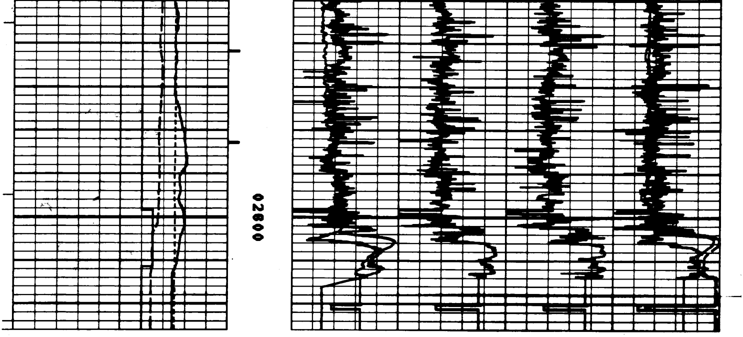
REPEAT SECTION





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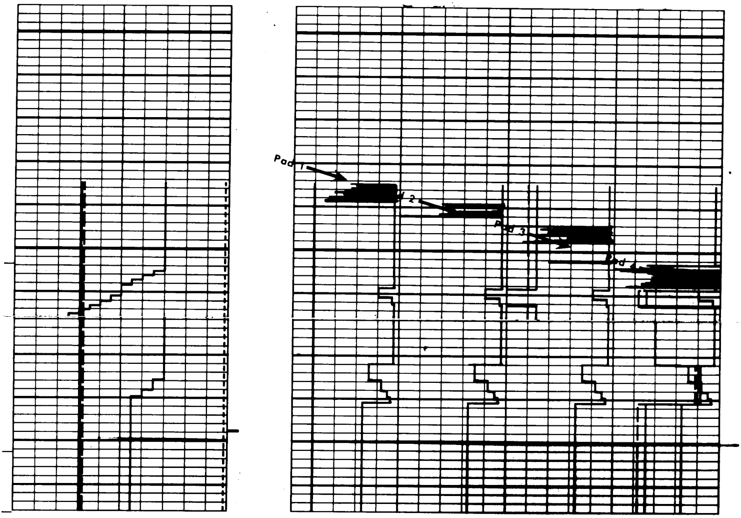
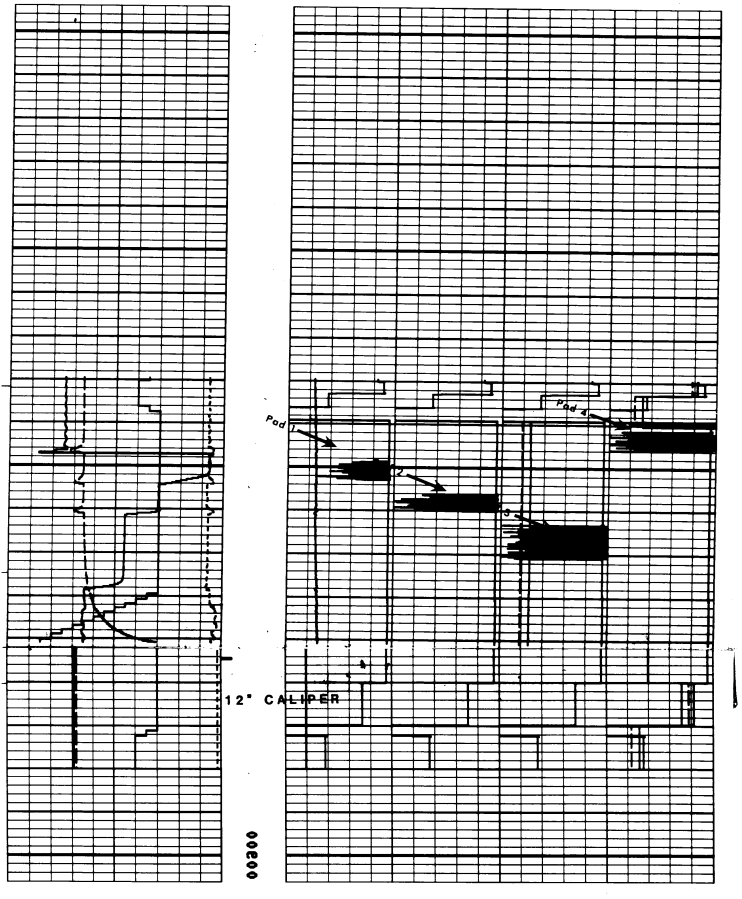
SERVICE DL3508 FILE 2 **CALIBRATION AFTER LOG**



IW33AC-3

SERVICE DL3508 **CALIBRATION BEFORE LOG**