Schlumberger

GEOFRAME
PROCESSED
INTERPRETATION

DT SONIC
Reconstructed TT

Repair Vs Field

*A Mark of Schlumberger

Using the following logs: BHC

COMPANY: NORTHWEST NATURAL GAS
WELL: IW-24BH-23-65
FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
COUNTRY:
Date Logged: 20-JUN-2000 Date Processed: 29-JUN-2000
Well Location: 976.5' NORTH, 1256.3' EAST
FROM THE SW SECTION CORNOR
Elevations: KB: DF: 923ft GL: 905ft
API Number: 36-009-00351 Job Number:

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

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 interpretation and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations 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.

Field Recording:	Location: SACRAMENTO	Software Version: 9C1-303	Engineer: M.KHAN
Office Recording:	ICS Center: Bakersfield ICS	Baseline:	Log Analyst: T Quinlan

Mud and Borehole Measurements:

Rm @ Measured Temperature: 0.266ohm.m @ 58degF	BHT: 212degF	Bitsize: 7.875in
Rmf @ Measured Temperature: 0.281ohm.m @ 19degF	Type Fluid in Hole:	XCD/KCL
Rmc @ Measured Temperature: 0.1454ohm.m @ 18degF	Mud Density: 8.6lbm/gal	

Remarks:

MAXIMUM HOLE DEVIATION: 92 DEG
LOGGED WITH TLC EQUIPMENT

270 70
(us/ft)

GR .WELLEDIT [A1583091]
0 150
(gAPI)

C1 .WELLEDIT [A1633213]
6 16
(in)

TT1 .WELLEDIT [A1664687]
1200 200
(us)

TT2 .WELLEDIT [A1664715]
1200 200
(us)

TT3 .WELLEDIT [A1664698]
1200 200
(us)

TT4 .WELLEDIT [A1664729]
1200 200
(us)

TT1 .WELLEDIT [A1664687]
1200 200
(us)

TT2 .WELLEDIT [A1664715]
1200 200
(us)

TT3 .WELLEDIT [A1664698]
1200 200
(us)

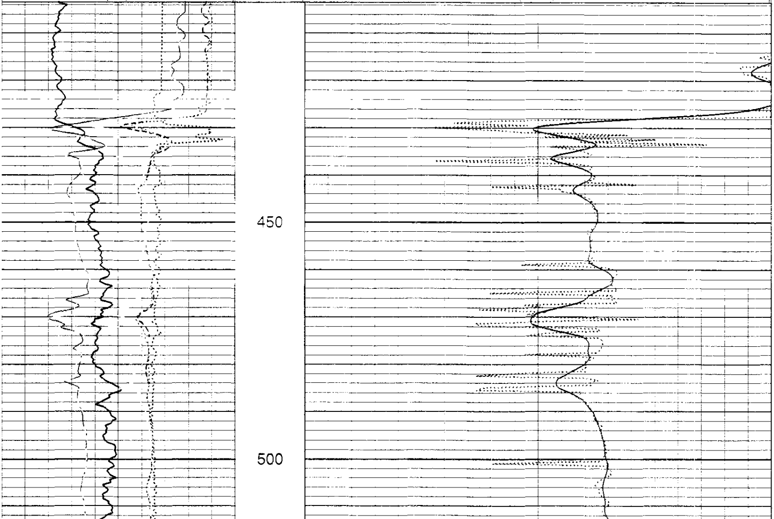
TT4 .WELLEDIT [A1664729]
1200 200
(us)

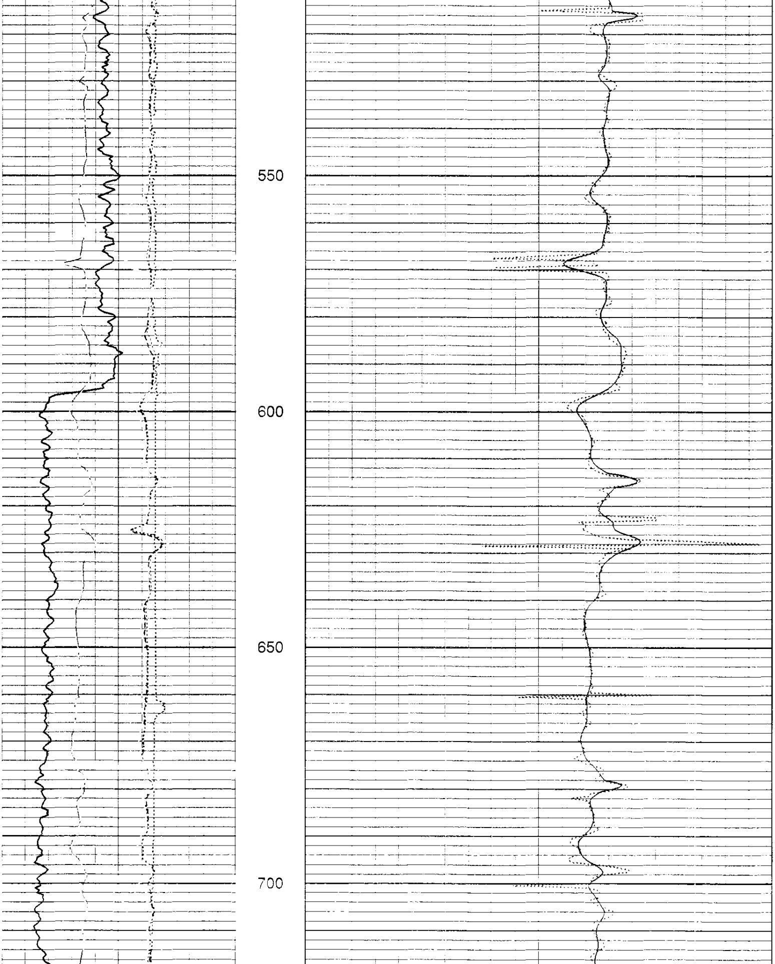
C1 .WELLEDIT [A1633213]
6 16
(in)

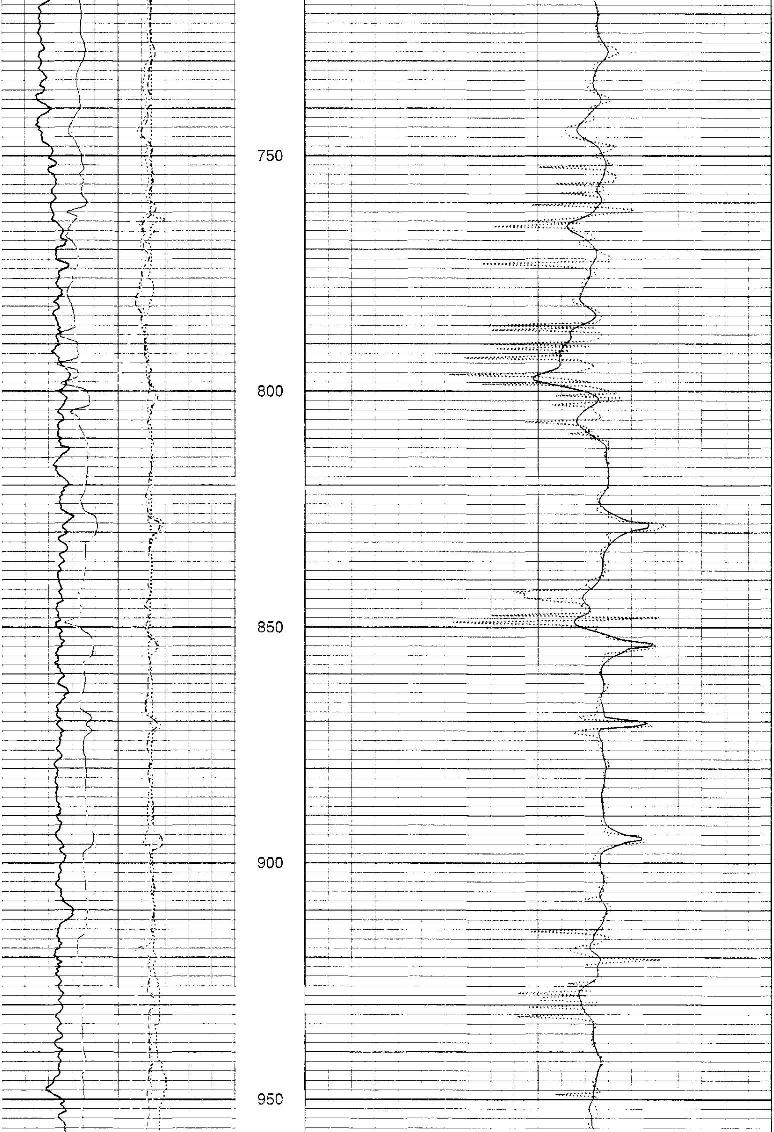
1 : 240
ft

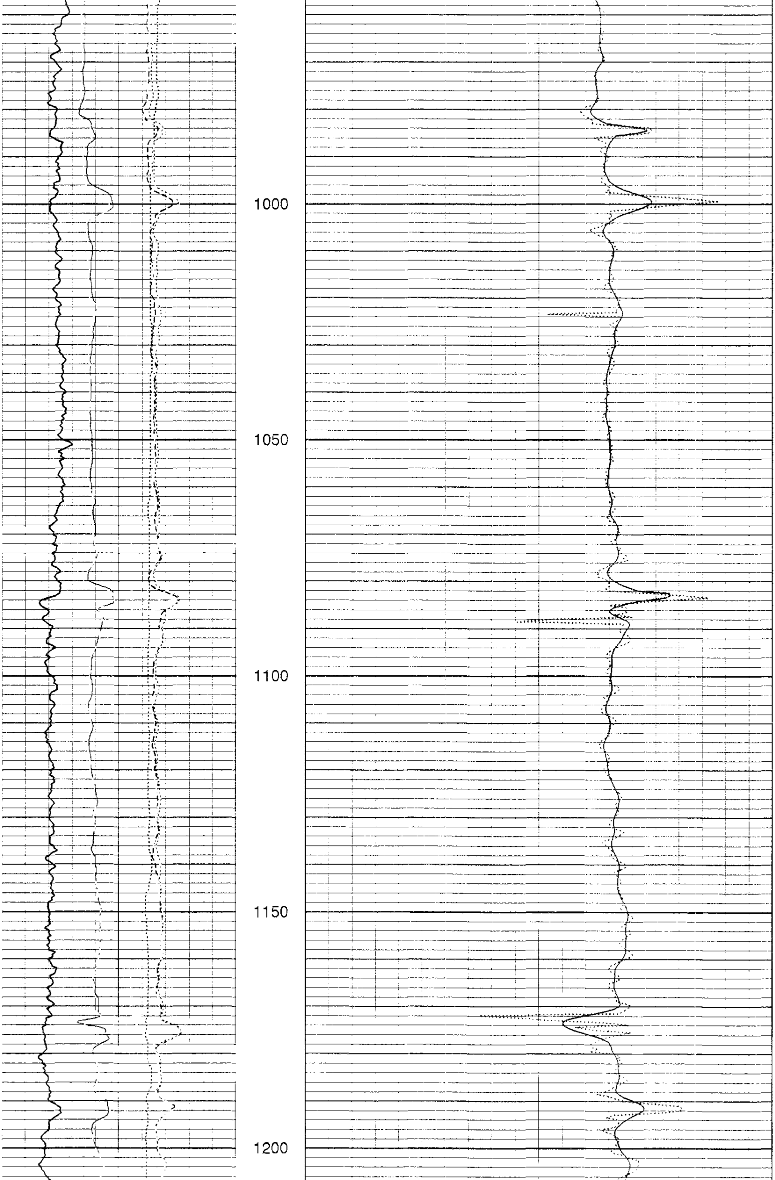
DT .WELLEDIT [A1664839]
270 70
(us/ft)

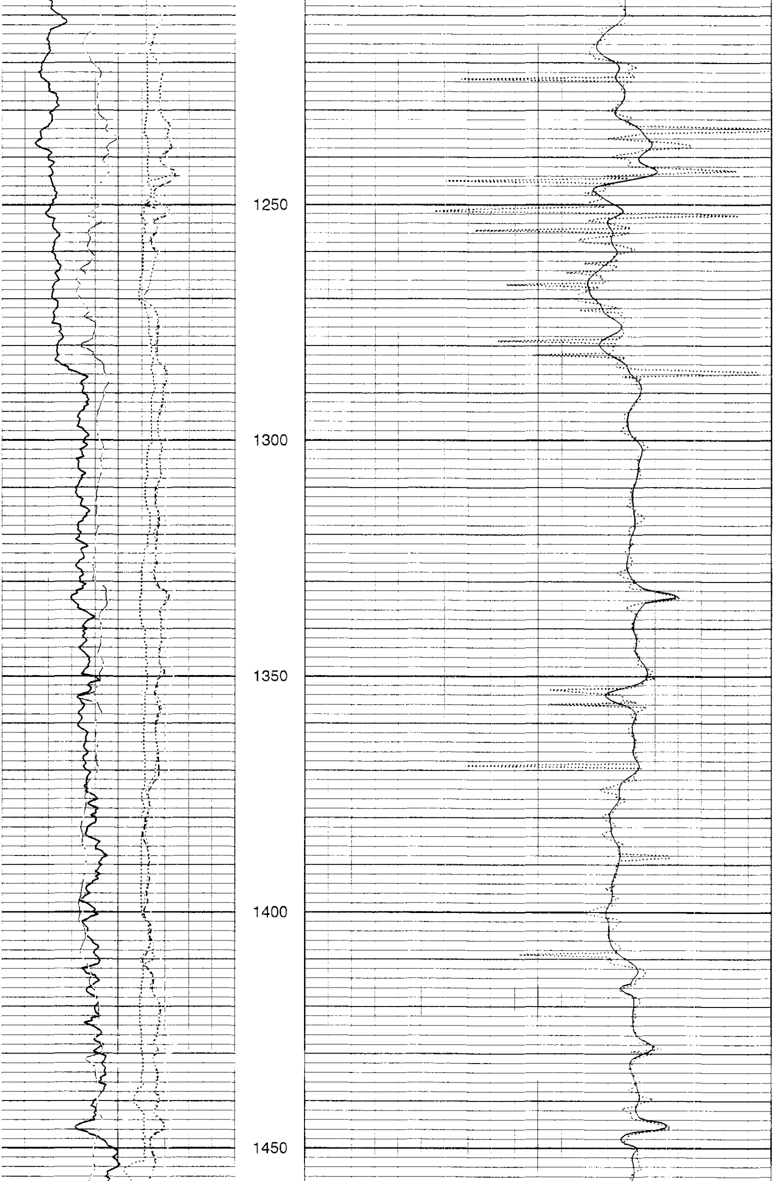
DT Field
270 70
(us/ft)

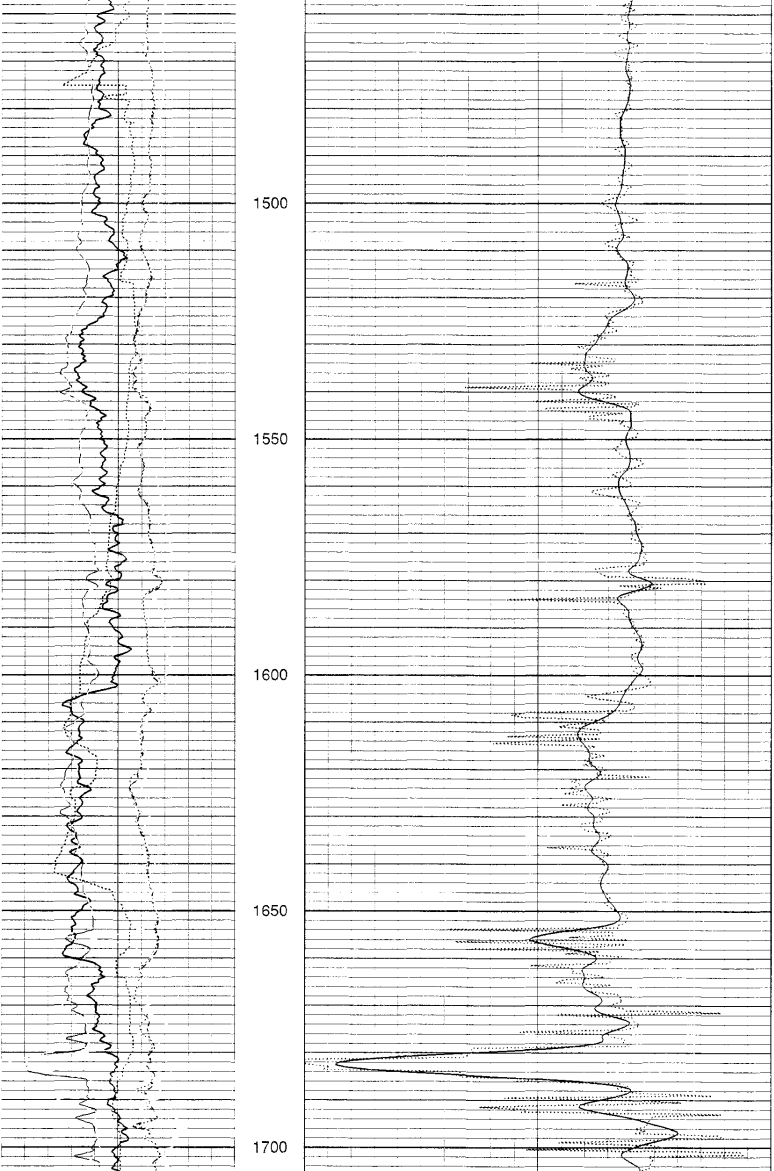


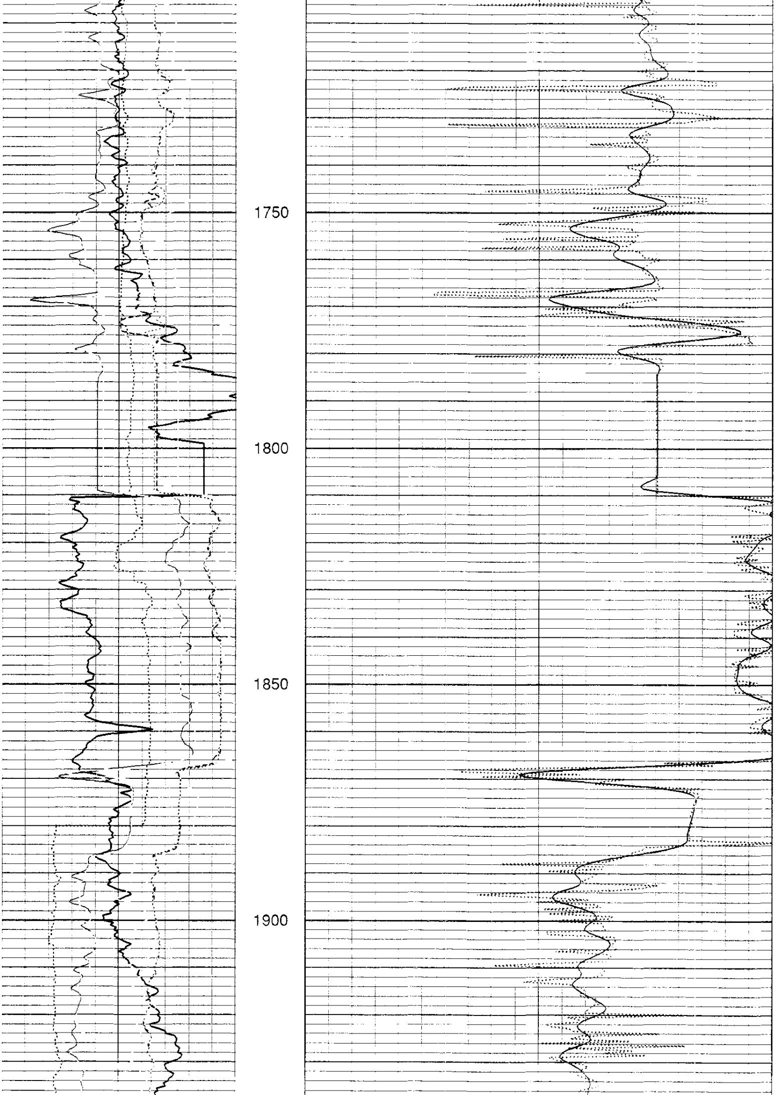


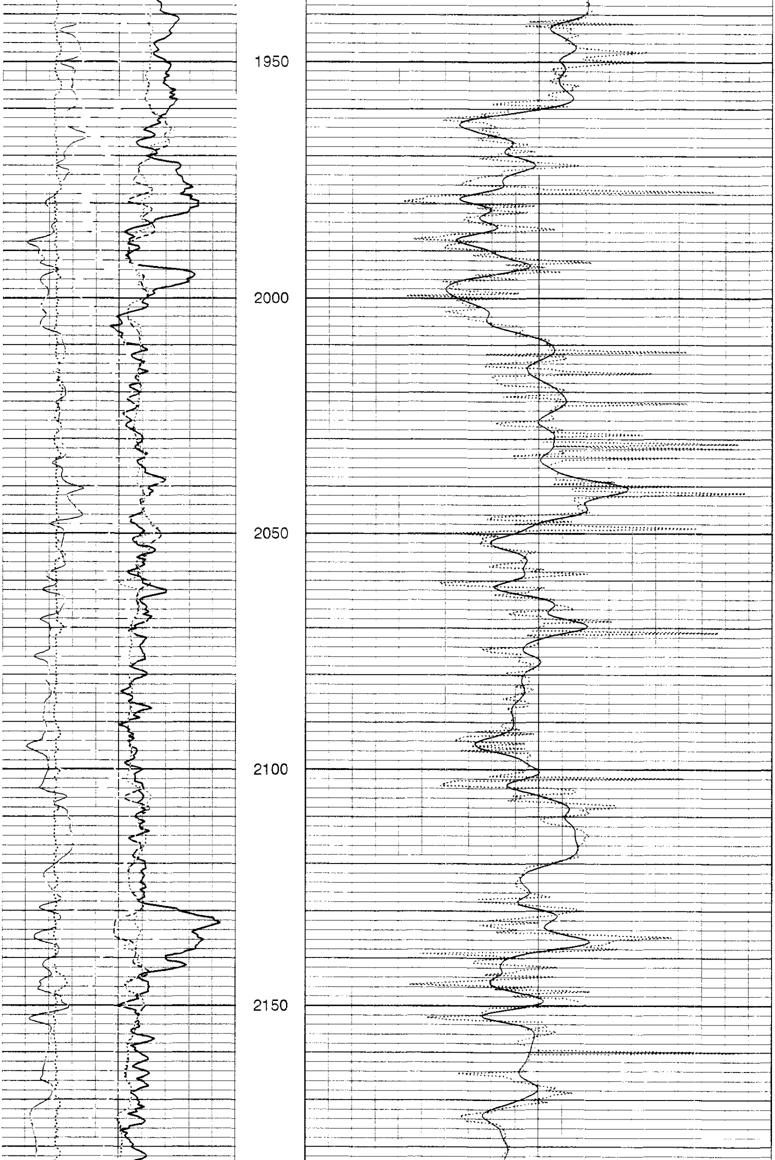


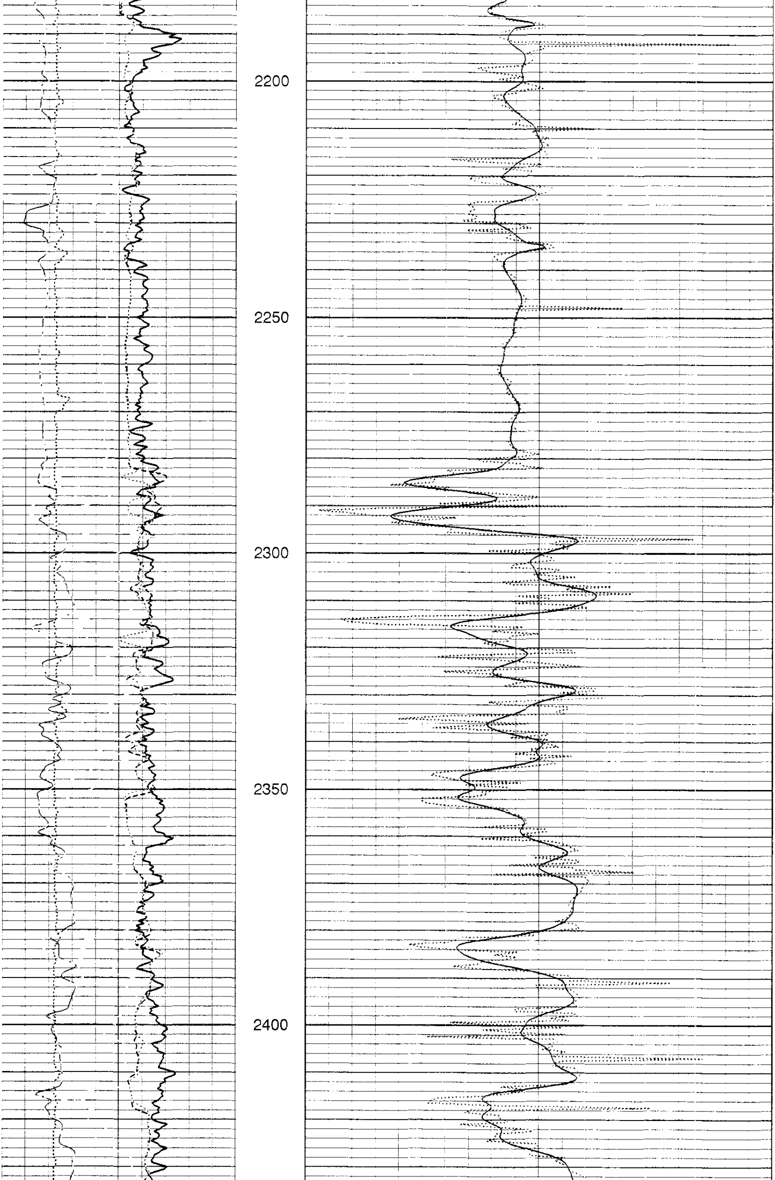


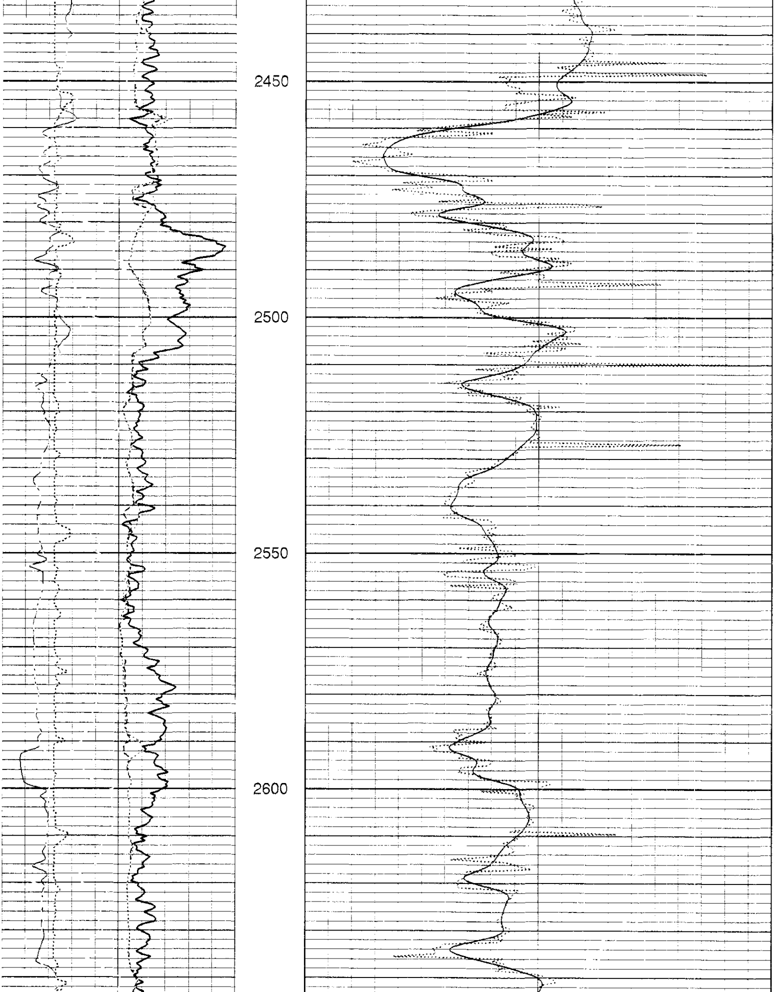


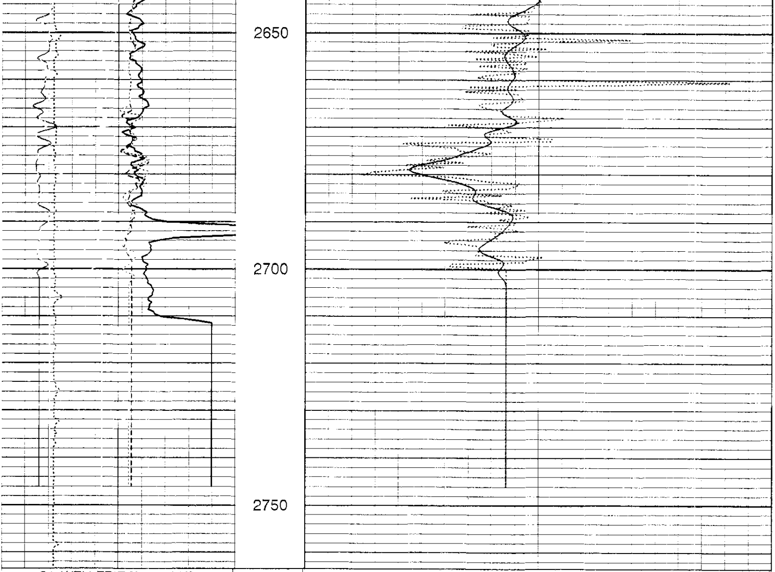












C1 .WELLEDIT [A1633213]
6 16
(in)

1 : 240
ft

TT4 .WELLEDIT [A1664729]
1200 200
(us)

TT3 .WELLEDIT [A1664698]
1200 200
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(in)

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0 150
(gAPI)

DT .DF [A1664778]

DT Field
270 70
(us/ft)

DT .WELLEDIT [A1664839]
270 70
(us/ft)

270 (us/ft) 70

Schlumberger

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Well:	IW-24BH-23-65		
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STATE:	OREGON		
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