HALLIBURTON

SHIVA PROCESSED LOG

5"=100'

COMPANY NORTHWEST NATURAL GAS
WELL IW 23ADH-3-65
FIELD MIST FLORA POOL STORAGE
COUNTY COLUMBIA
STATE OR

Location: 1509.41' S 86 38' 36" & 1985.04' N 03 21' 24" FROM THE SOUTHWEST 1/4 OF SECTION 3. WB&M

Elevations: K.B.: 1089.5' R.T.: ——— G.L.: 1075.5'

Date Processed	5-23-2007	Logs Processed	EMI
Job Number	5048743	Date Logged	4-23-2007
Interval Processed	585-3448	Type Fluid In Hole	GEL
Processed By	J Carlson	Location	WDLD
Processed At	DENVER RES		

— COMPUTER PROCESSED PRODUCT —

— Fold Here —

Service Ticket No.: 5048743 **API Serial No.:** 36-009-00365 **PGM Version:**

DIRECTIONAL INFORMATION

Maximum Deviation	83.4	deg. @	3437'	KOP	702'

Remarks:

MAGNETIC DECLINATION 19.1 DEGREES.
HRID-EMIT-SDLT-DSNT-NGRT-DTD RUN IN COMBINATION.
DIGITAL SPICE AT 2910'

RIG

HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHICH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

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SHIVA COMPUTATION PARAMETERS

COMPANY NAME :
WELL NAME :
FIELD NAME :
COUNTRY :

Tool Reference Plane		Tool type	WBM
Shift Search Angle	65.0	Output selected by N Lines then Quality	
Correlation Interval	9.000 f	Number of Maxima	3
Correlation Step	3.000 f	Peak Fraction	0.90
Dip Cutoff Angle	55.0	Number of Triangles Searched	20
Closure Cutoff Angle	1.5	Plotted dip quality range	A-E
Planarity Cutoff Angle	4.5	Depth of Investigation	0.90
Declination	19.1	Mirror Dip Rejection	Yes

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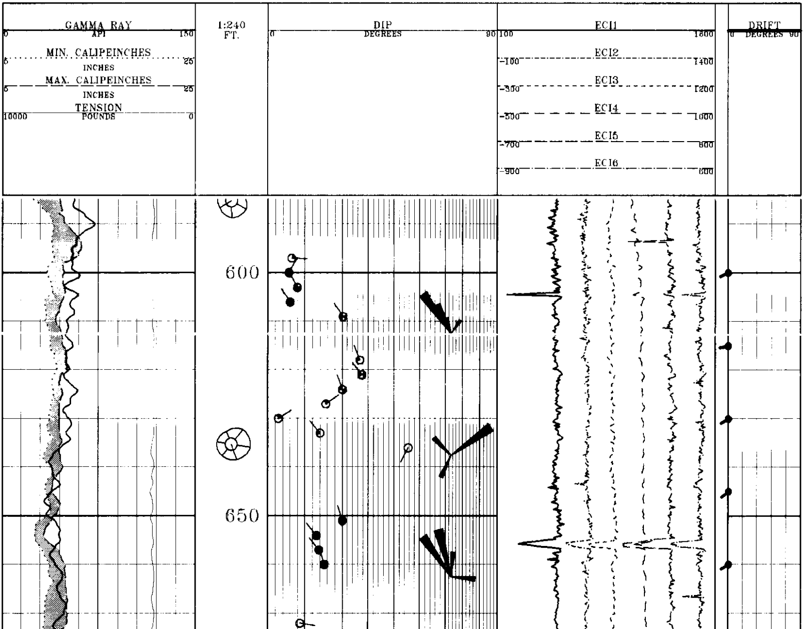
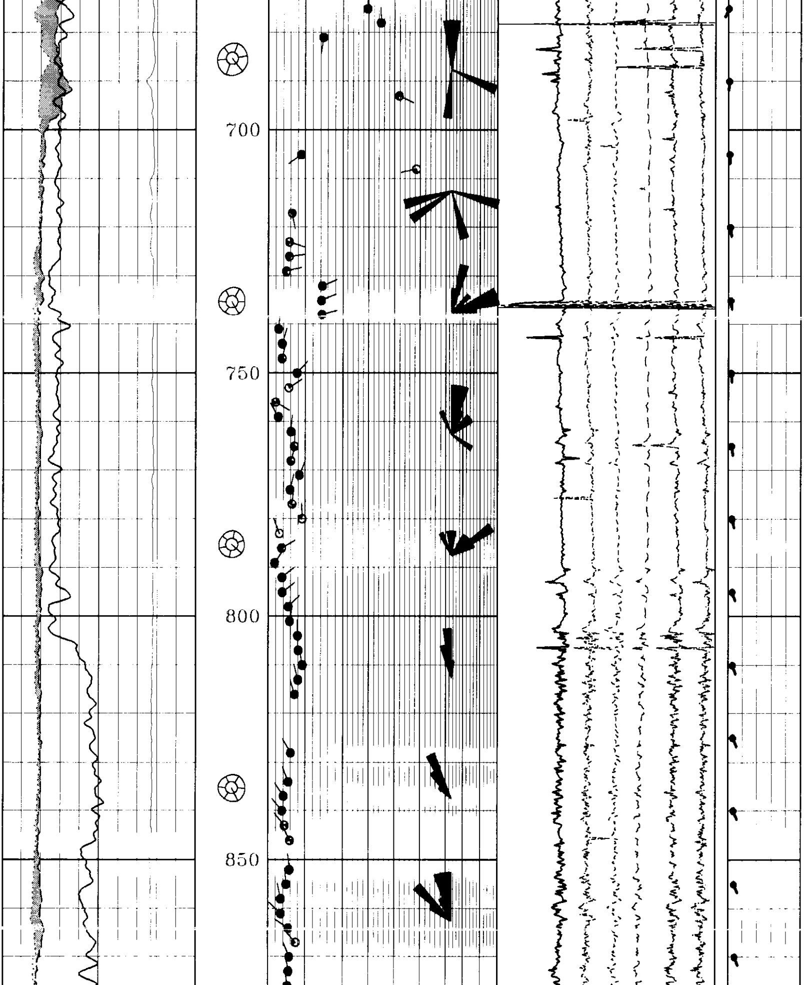
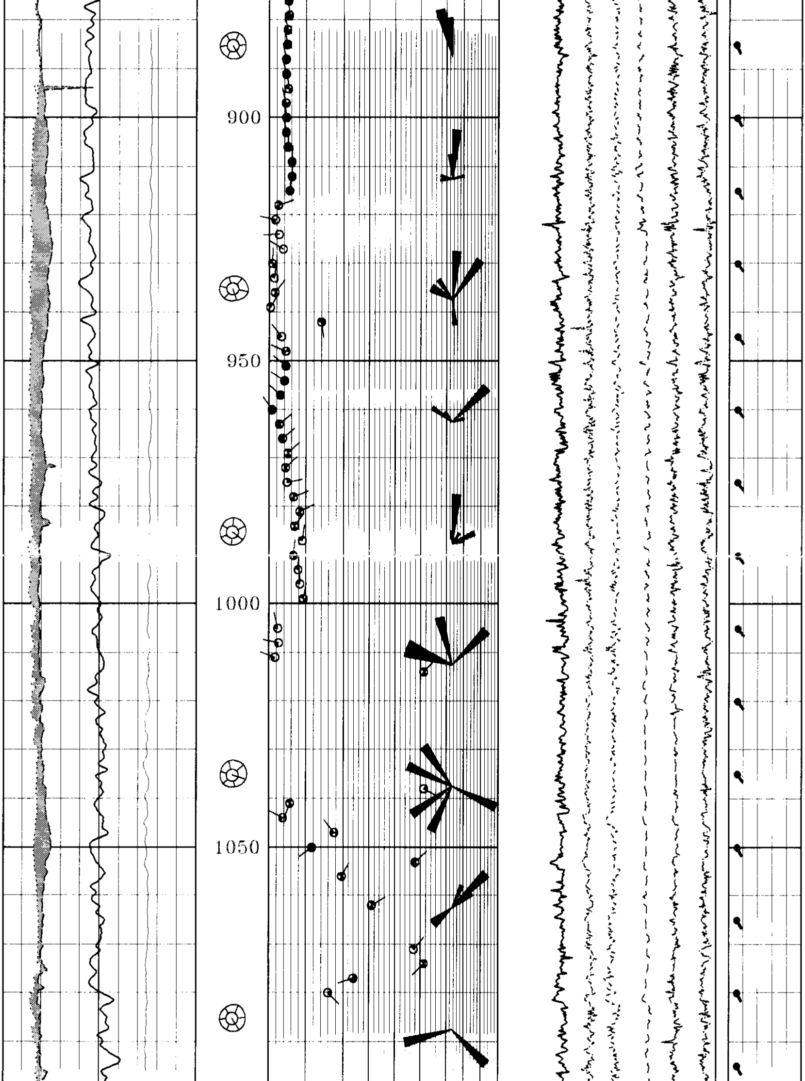
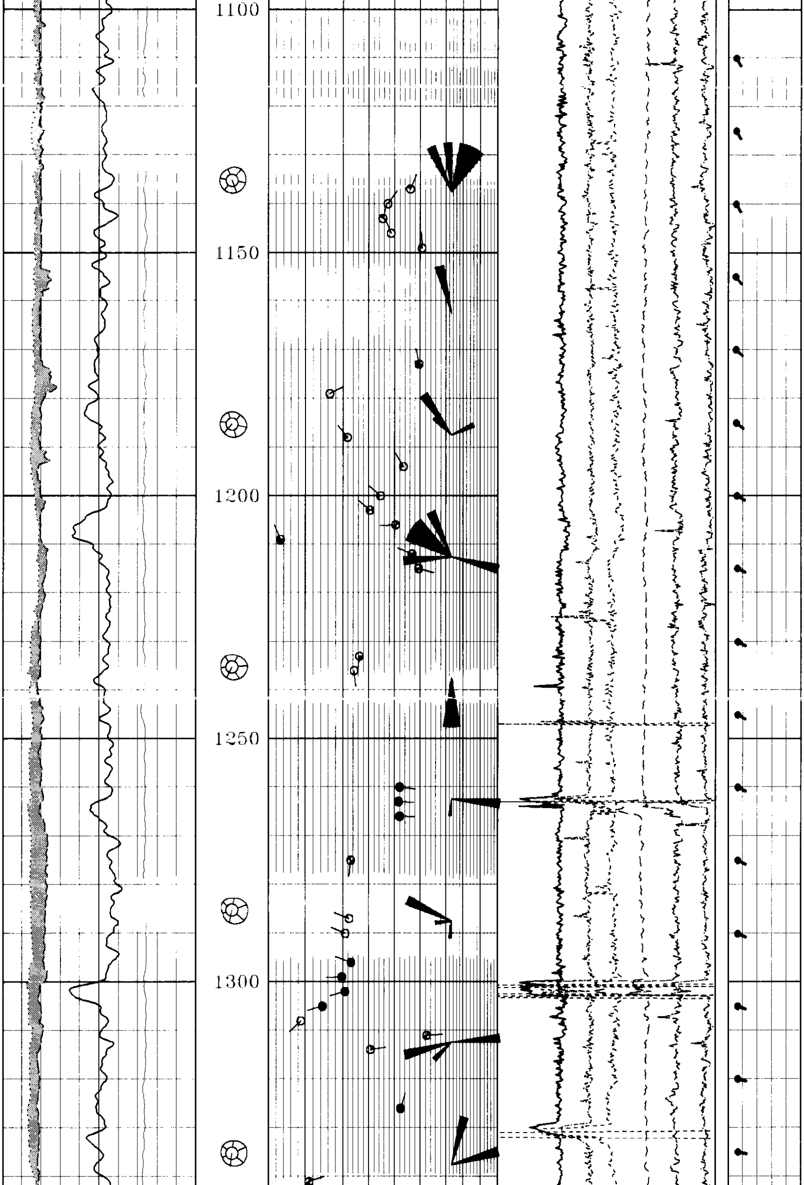
Version No: hc:3.0
Data File: shiva6.cls
Format File: shiva.spc
Plot Time: 2007-05-23 15:34:29
Database Time: 15:16:24

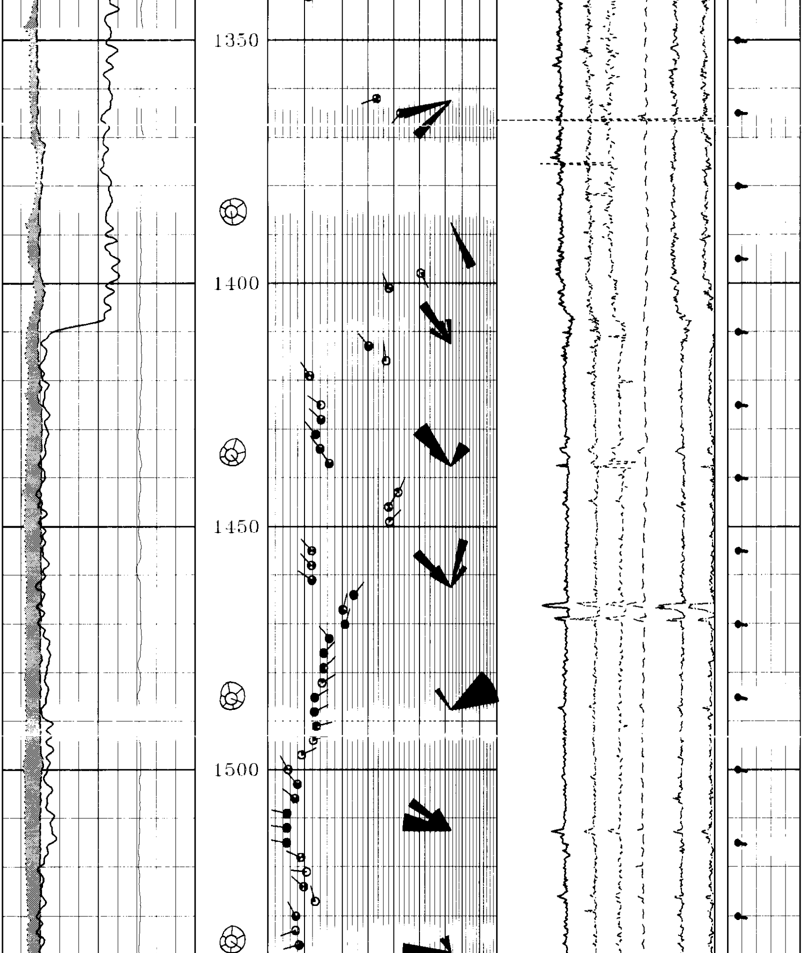
Top Depth: 585.00
Bottom Depth: 3448.00

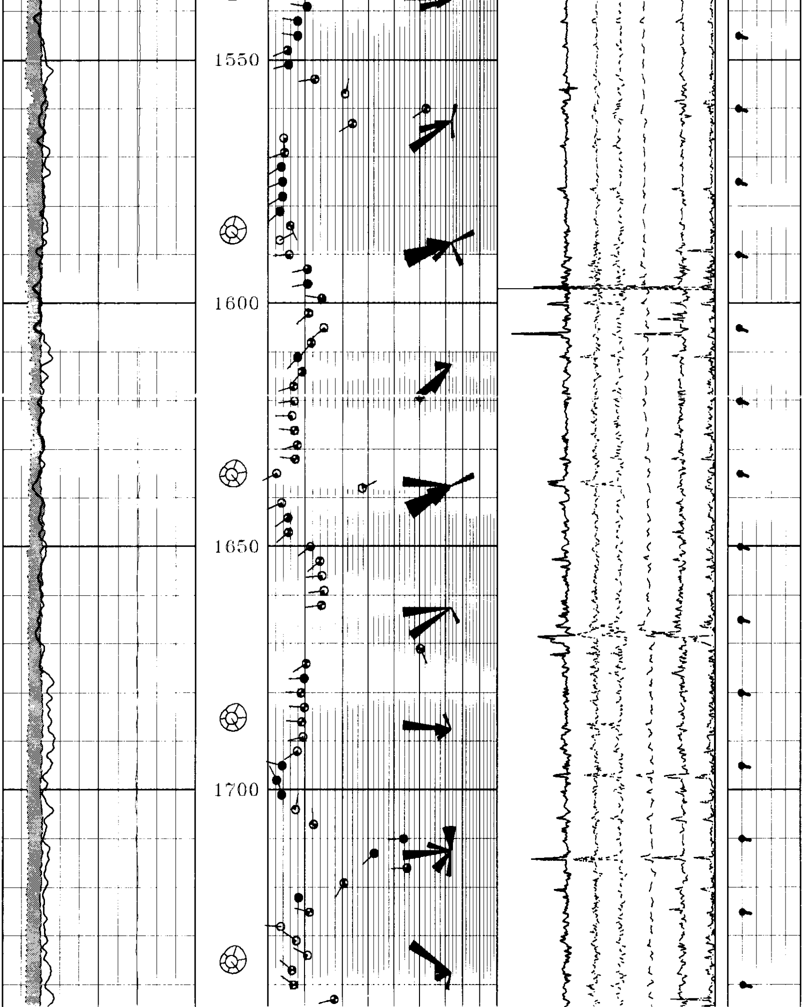


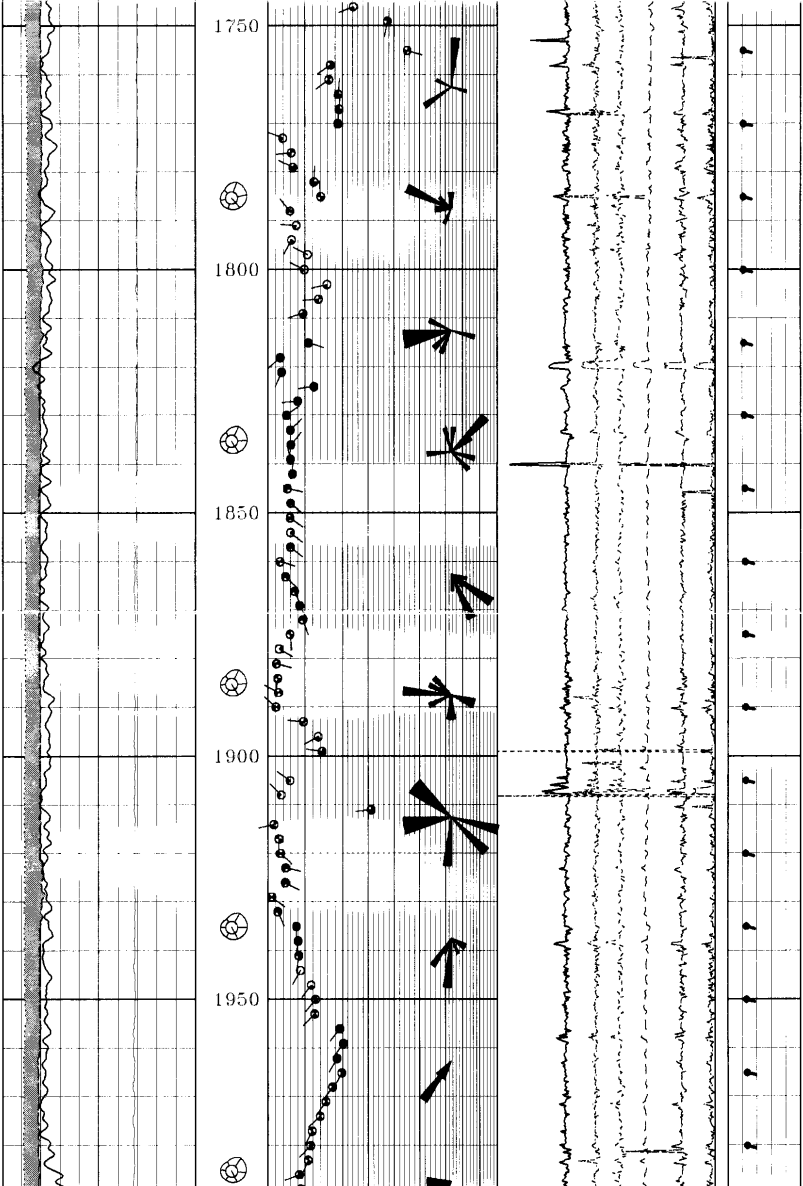


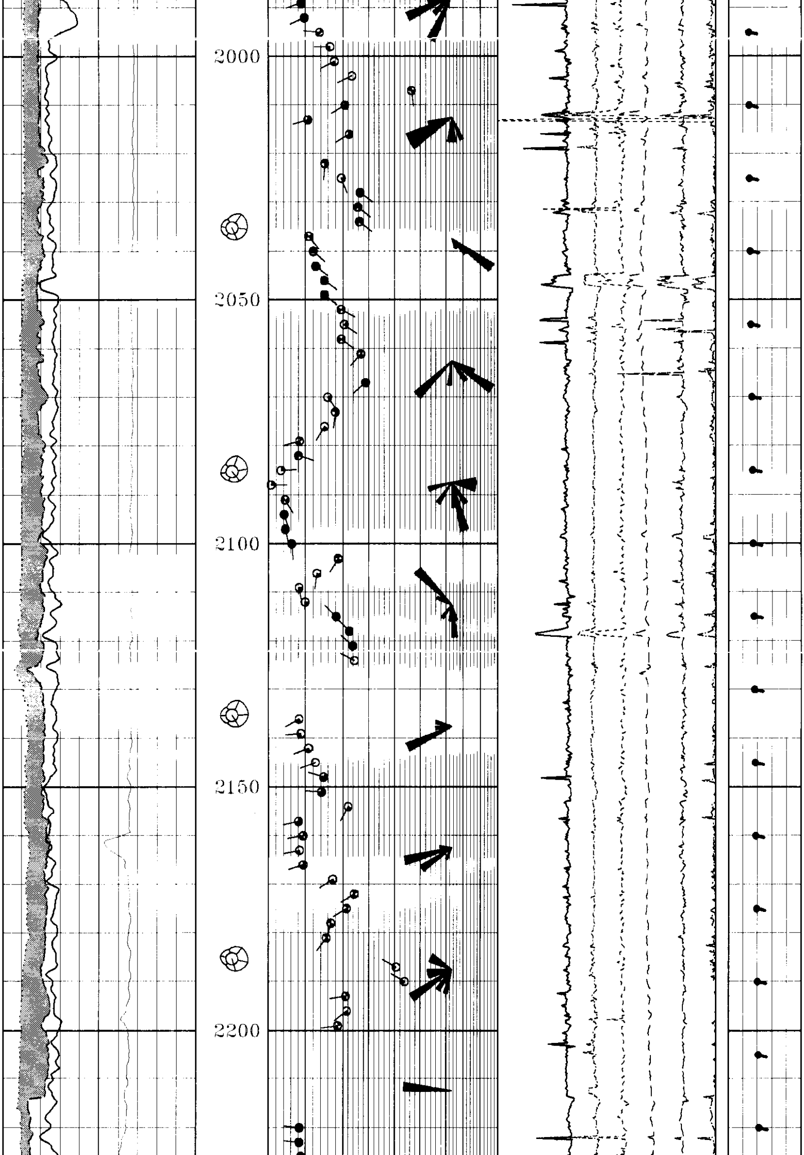


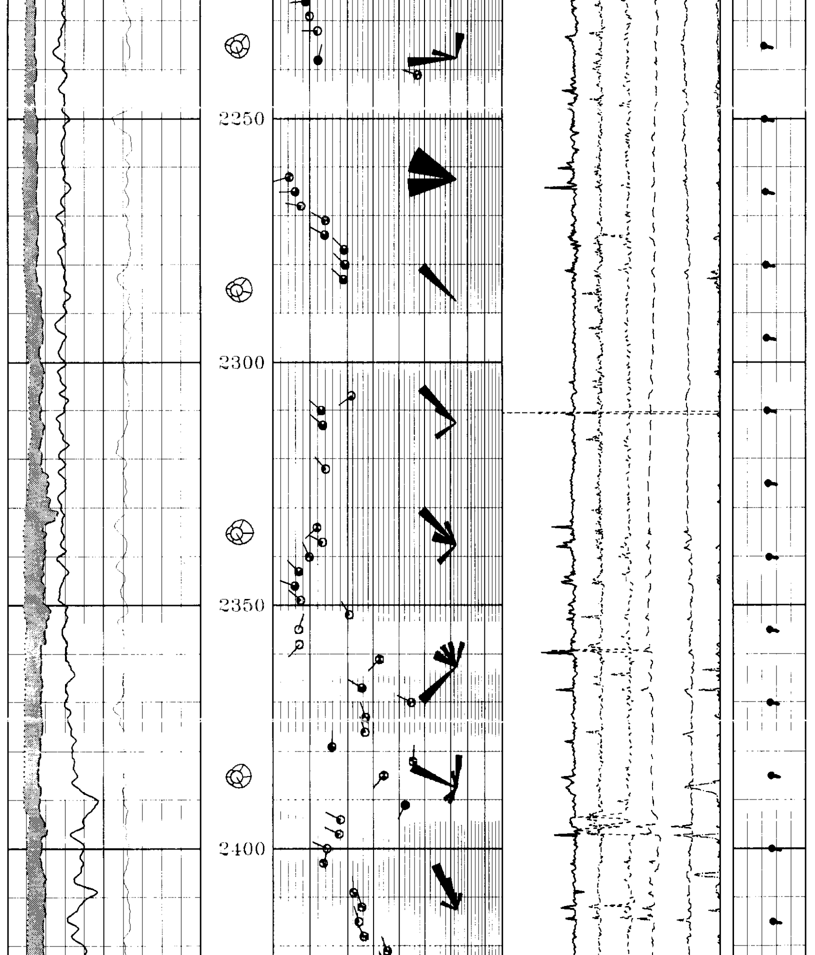


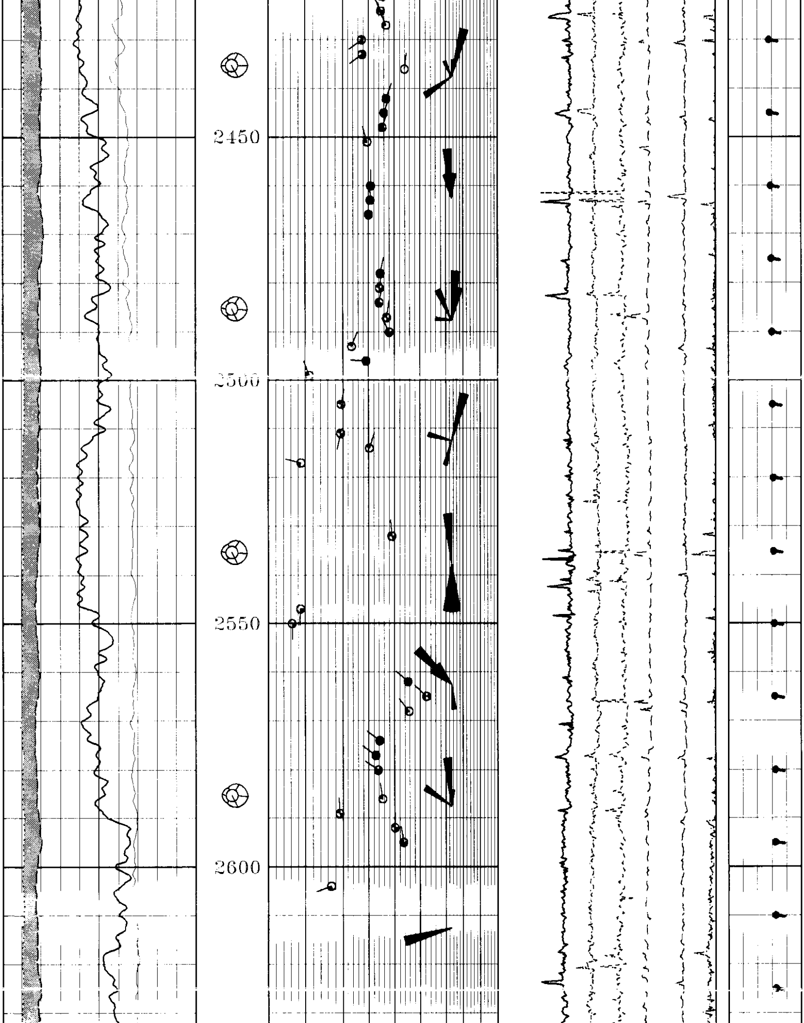


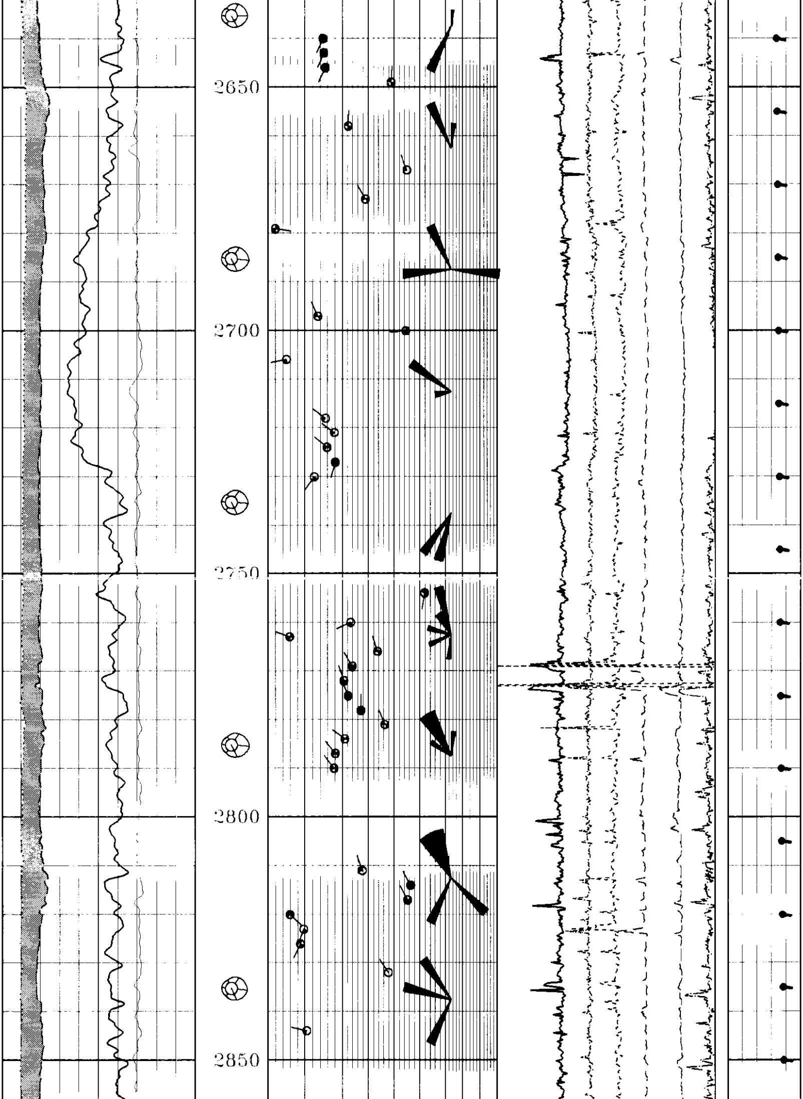


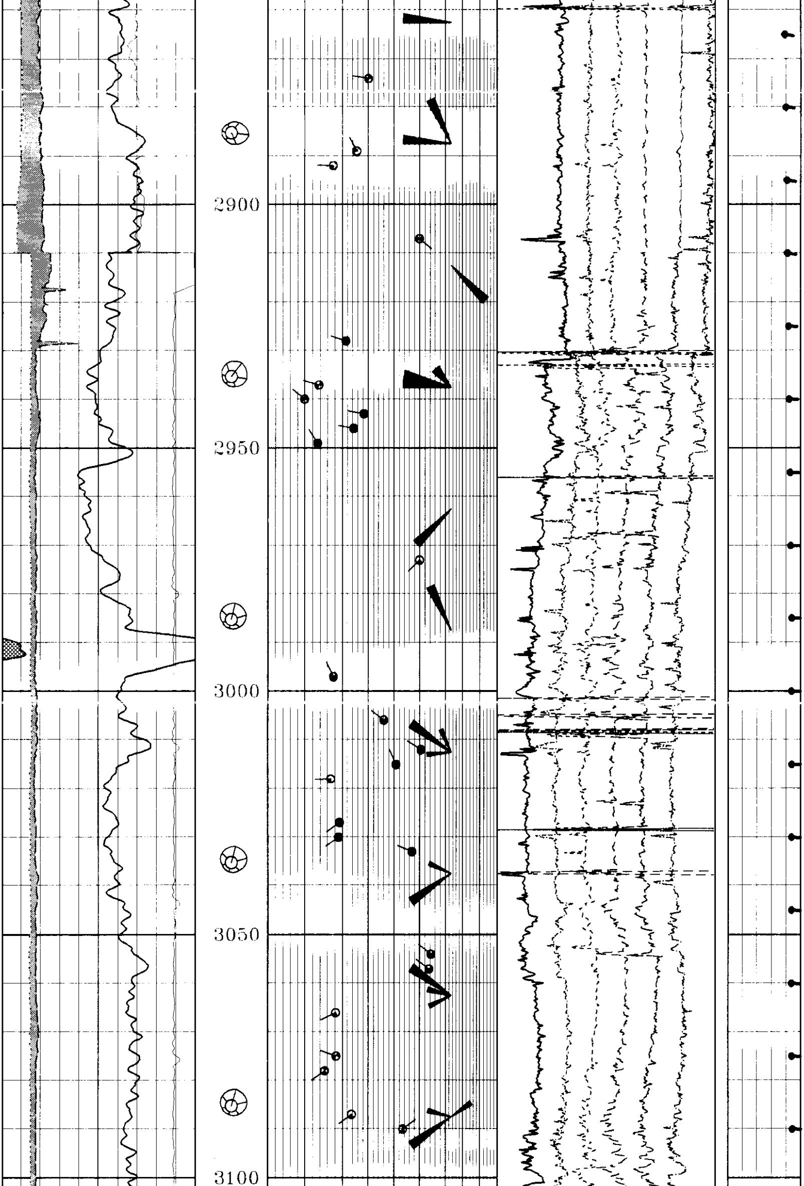


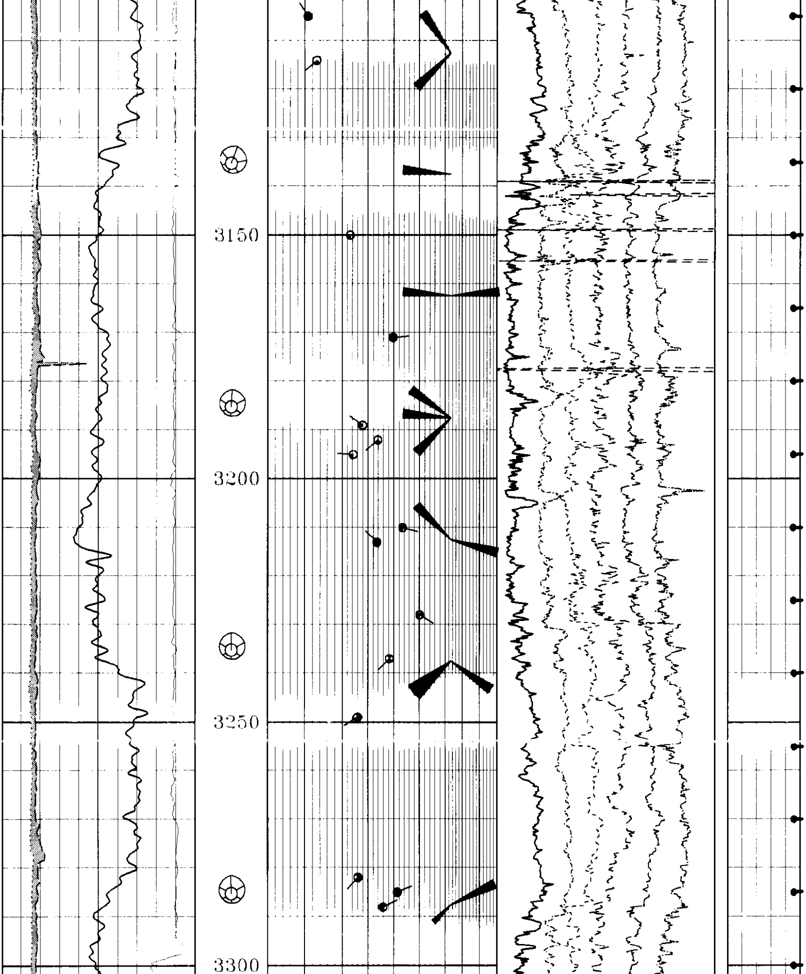


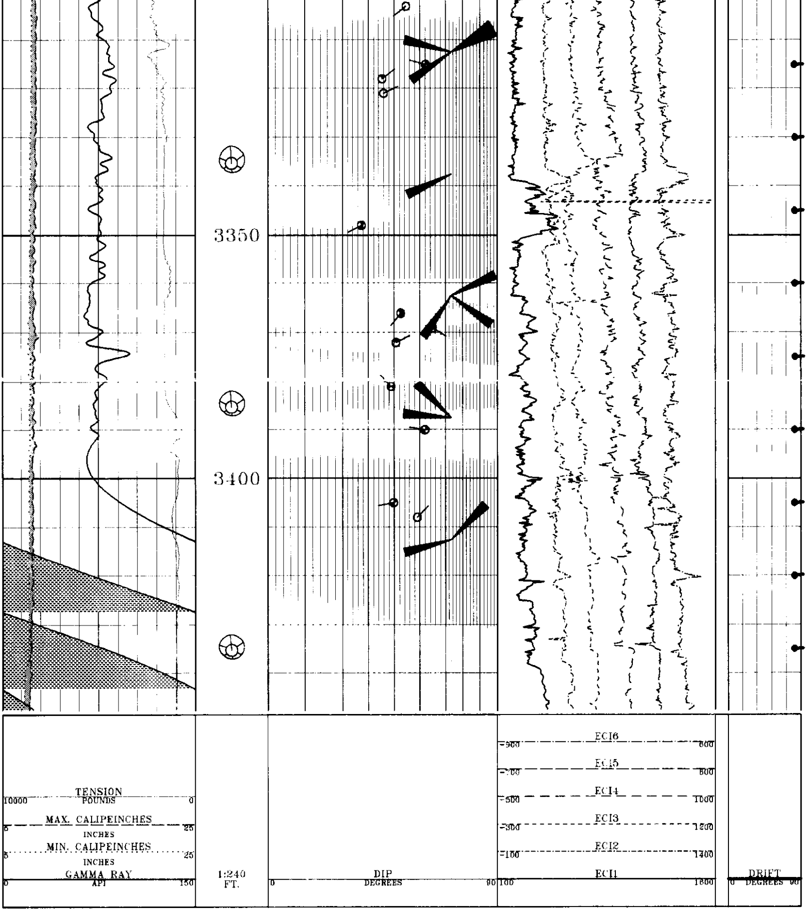












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COUNTY	COLUMBIA	STATE	OR

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