Schlumberger

GEOFRAME
PROCESSED
INTERPRETATION

BorDip
4X2X60

2&5 Inch with Images

*A Mark of Schlumberger

Using the following logs: FMI GR

COMPANY: NORTHWEST NATURAL GAS
WELL: I.W. 24C-23-65
FIELD: CALVIN CREEK GAS STORAGE
COUNTY: COLUMBIA
STATE: OREGON
COUNTRY:
Date Logged: 2000/04/28 Date Processed: 2000/05/12
Well Location: 985.3' N & 1258.4' E FROM THE
FROM THE SW CORNER OF 23

Elevations: KB: 922.5ft DF: 922.3ft GL: 905ft

API Number: 36-009-00350 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:	Baseline:	Log Analyst: T.Quinlan

Mud and Borehole Measurements:

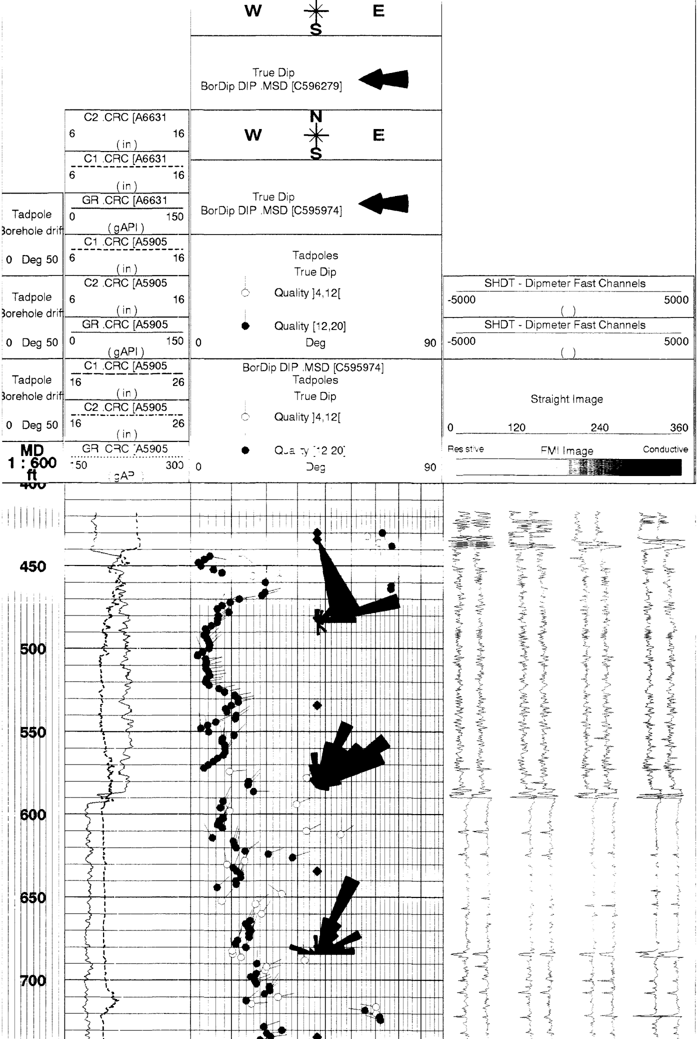
Rm @ Measured Temperature: 1.83ohm.m	@ 65degF	BHT: 212degF	Bitsize: 9.875in
Rmf @ Measured Temperature:	@	Type Fluid in Hole:	DMA
Rmc @ Measured Temperature:	@	Mud Density: 9lbm/gal	

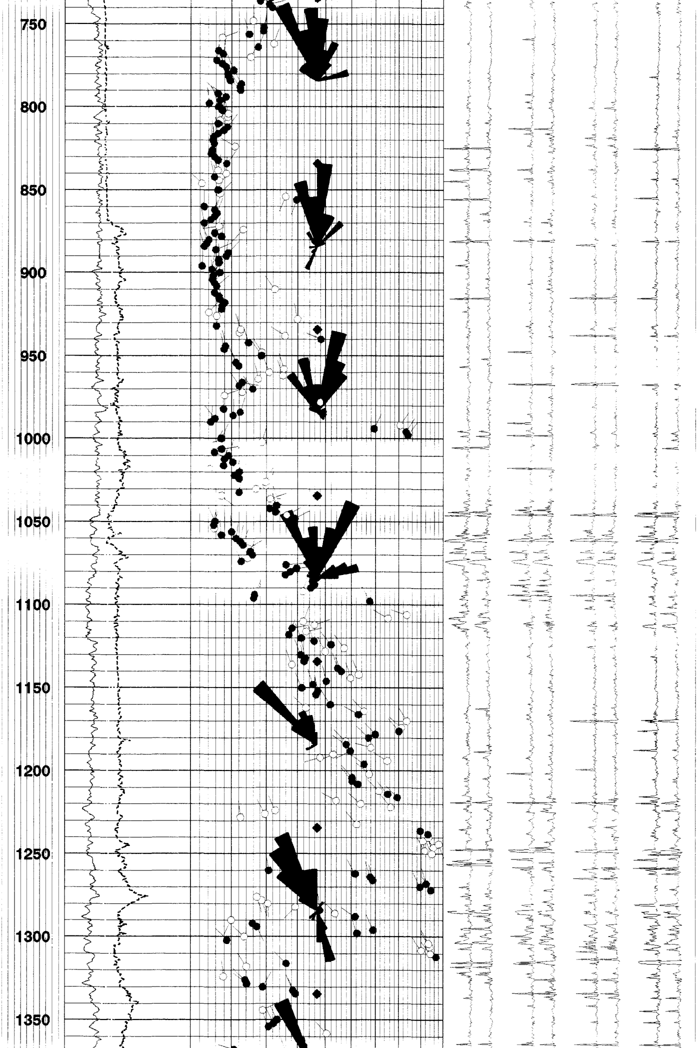
Remarks:

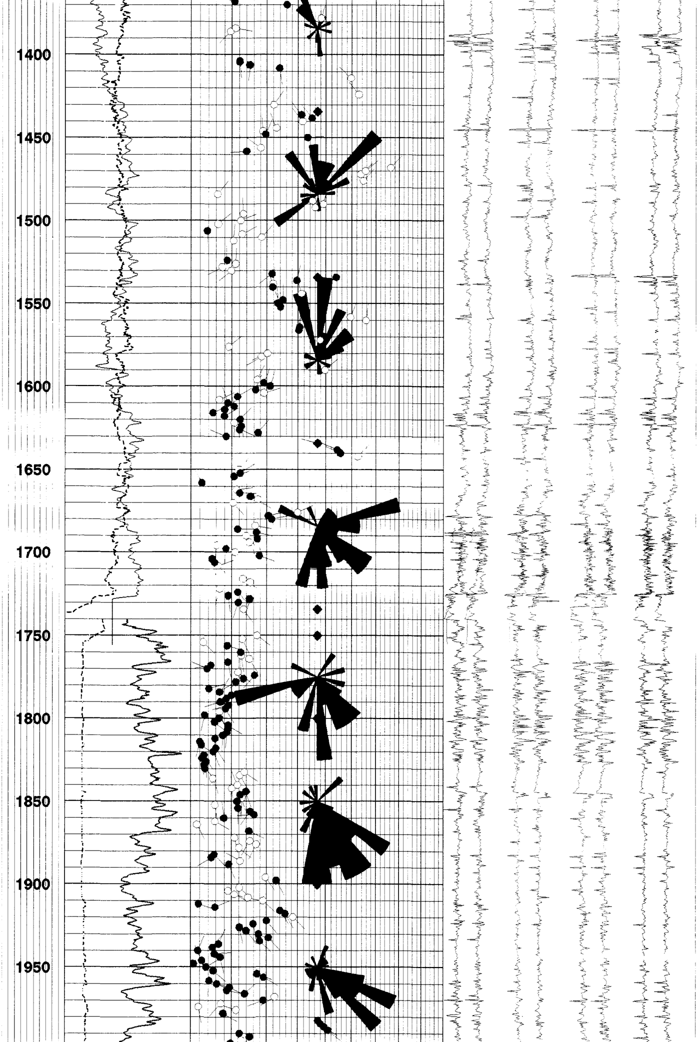
587783

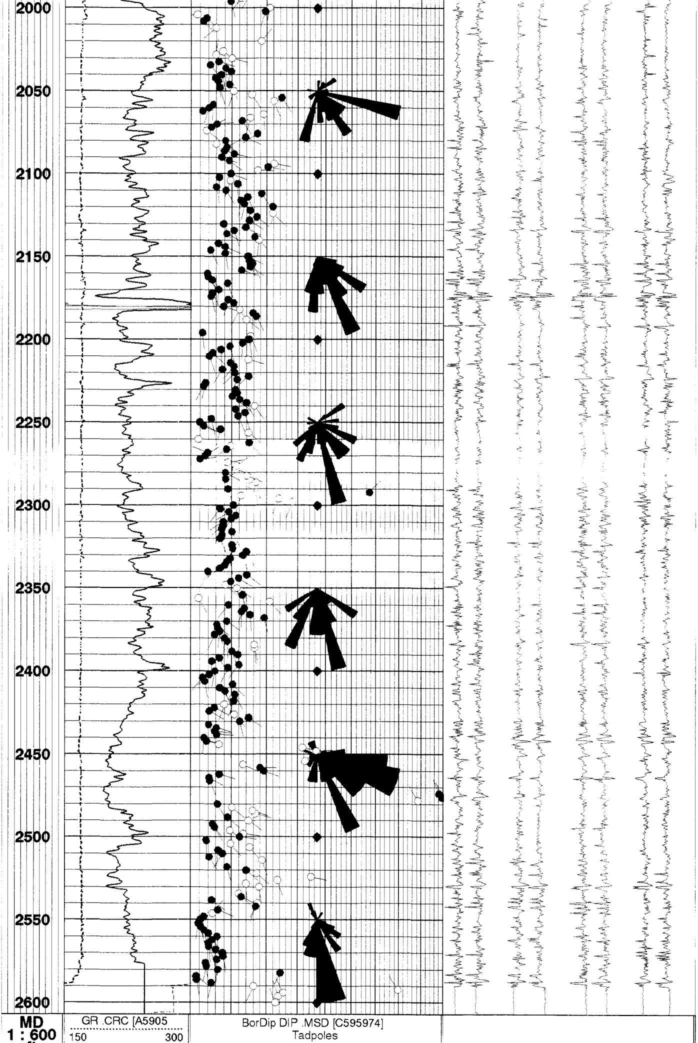
BorDip DIP .MSD [C664022]
Tadpoles
True Dip
○ Quality]4,12[
● Quality [12,20]
0 Deg 90

N









ft

Tadpole
Borehole drif
0 Deg 50

Tadpole
Borehole drif
0 Deg 50

Tadpole
Borehole drif
0 Deg 50

(gAPI)

C2 .CRC [A5905
16 26
(in)

C1 .CRC [A5905
16 26
(in)

GR .CRC [A5905
0 150
(gAPI)

C2 .CRC [A5905
6 16
(in)

C1 .CRC [A5905
6 16
(in)

GR .CRC [A6631
0 150
(gAPI)

C1 .CRC [A6631
6 16
(in)

C2 .CRC [A6631
6 16
(in)

True Dip
○ Quality]4,12[
● Quality [12,20]
0 Deg 90

Tadpoles
True Dip
○ Quality]4,12[
● Quality [12,20]
0 Deg 90

N
W E
S

True Dip
BorDip DIP .MSD [C595974]

N
W E
S

True Dip
BorDip DIP .MSD [C596279]

BorDip DIP .MSD [C664022]
Tadpoles
True Dip
○ Quality]4,12[
● Quality [12,20]
0 Deg 90

Straight Image
0 120 240 360
Resistive FMI Image Conductive

SHDT - Dipmeter Fast Channels
-5000 5000
( )

SHDT - Dipmeter Fast Channels
-5000 5000
( )

BorDip DIP .MSD [C664022]
Tadpoles
True Dip
○ Quality]4,12[
● Quality [12,20]
0 Deg 90

N
W E
S

True Dip
BorDip DIP .MSD [C596279]

C2 .CRC [A6631
6 16
(in)

C1 .CRC [A6631
6 16
(in)

N
W E
S

FBSTA .018 FMI .STAT [C663382]
Horizontal Scale: 1 : 8.247
Orientation North
0 120 240 360
Resistive FMI Image Conductive

Tadpole
Borehole drif
0 Deg 50

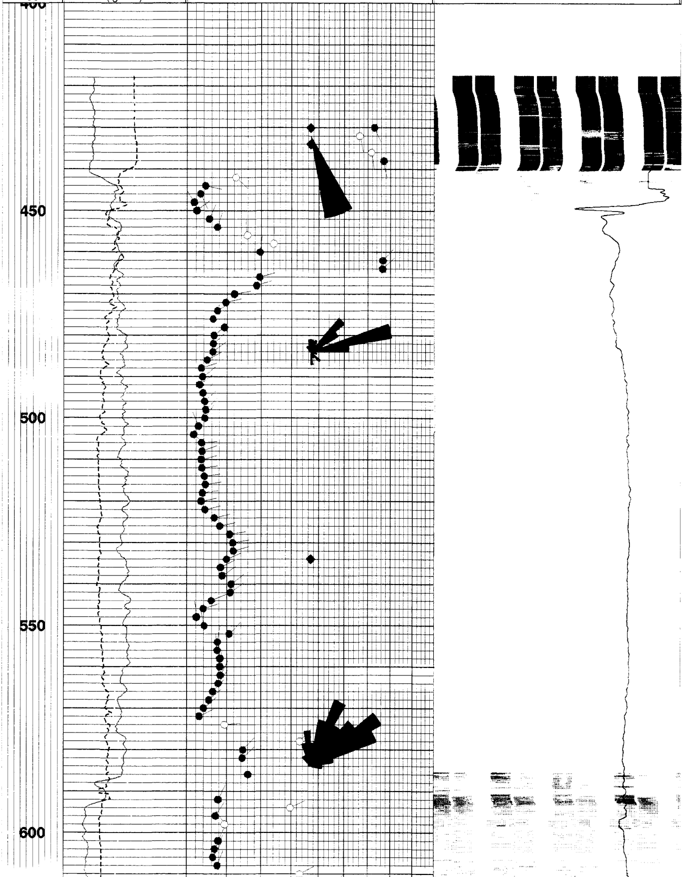
GR .CRC [A6631
0 150
(gAPI)

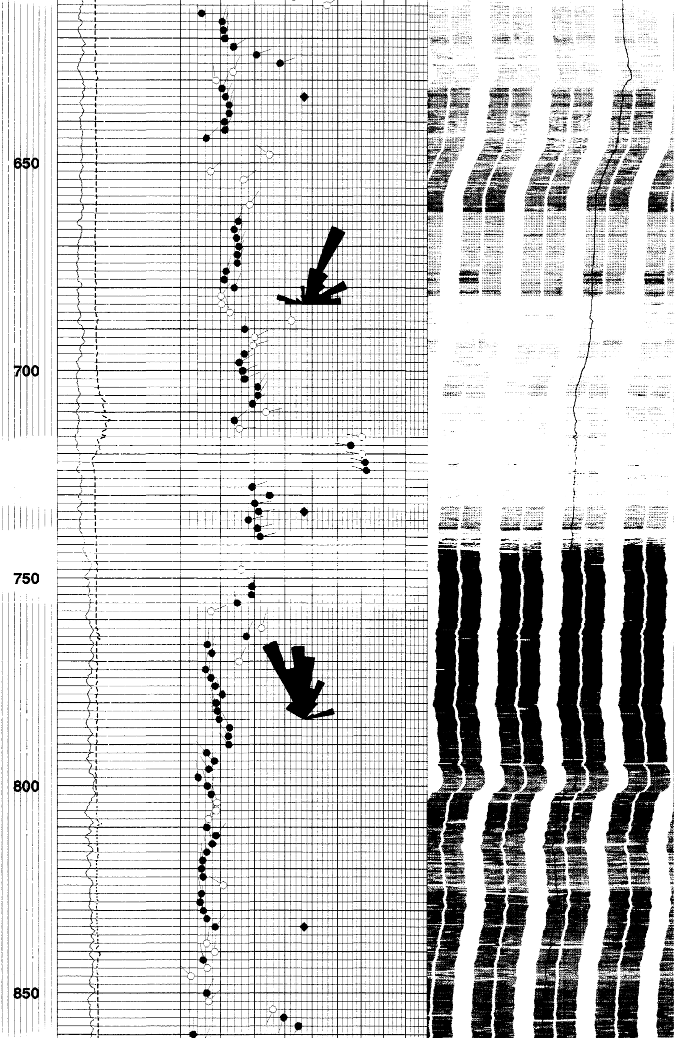
C1 .CRC [A5905
6 16

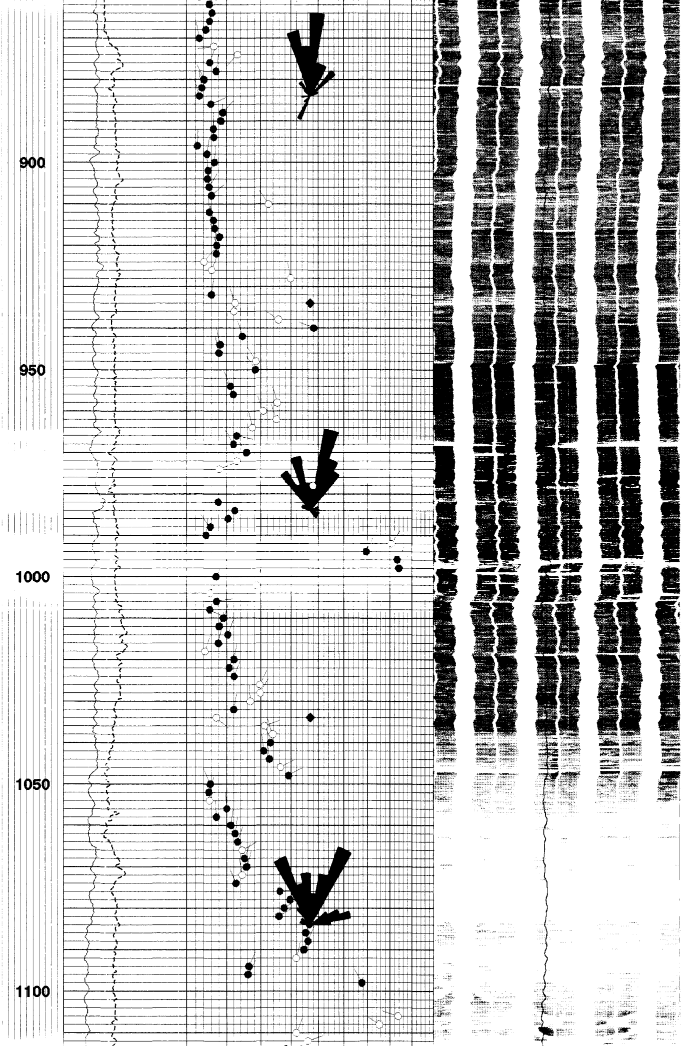
True Dip
BorDip DIP .MSD [C595974]

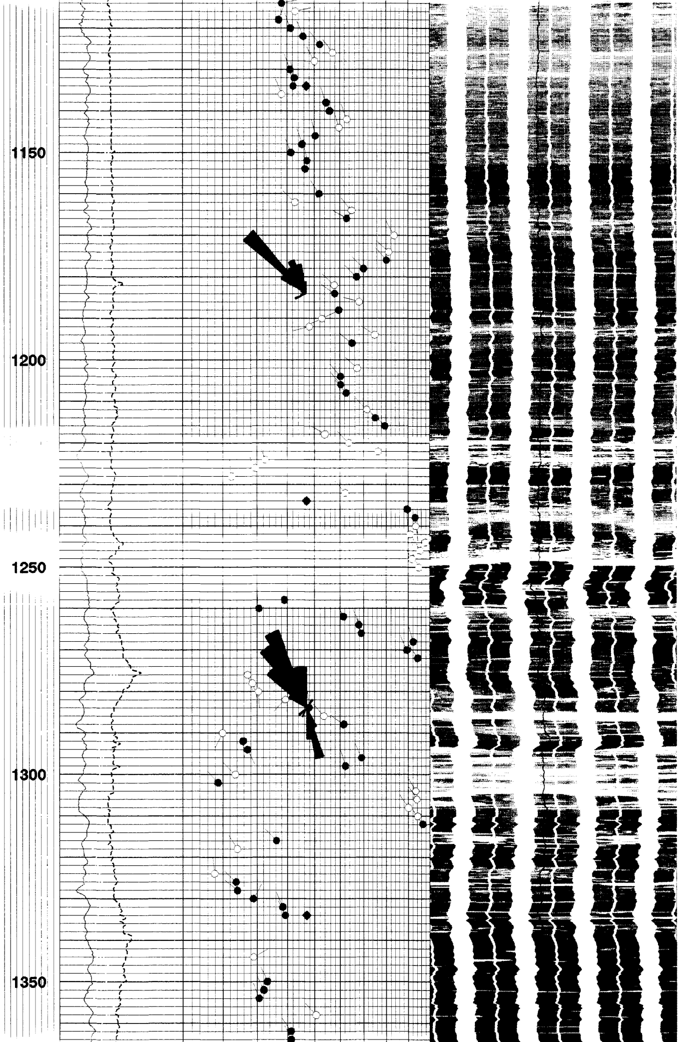
Tadpoles

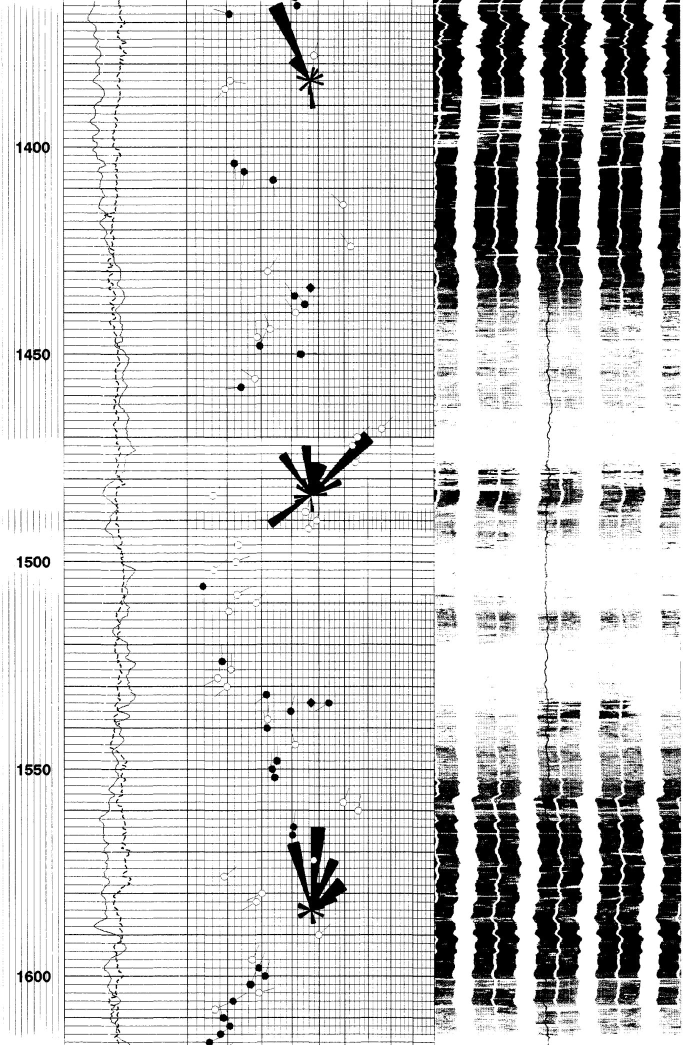
Tadpole Borehole drif 0 Deg 50	(in) C2 .CRC [A5905 6 16 (in) GR .CRC [A5905 0 150 (gAPI)	True Dip ○ Quality]4,12[● Quality [12,20] 0 Deg 90	Straight Image 0 120 240 360 Resistive FMI Image Conductive
Tadpole Borehole drif 0 Deg 50	C1 .CRC [A5905 16 26 (in) C2 .CRC [A5905 16 26 (in) GR .CRC [A5905 150 300 (gAPI)	BorDip DIP .MSD [C595974] Tadpoles True Dip ○ Quality]4,12[● Quality [12,20] 0 Deg 90	FBSTB .024 FMI .STAT [C595286] Horizontal Scale: 1 : 10.341 Orientation North 0 120 240 360 Resistive FMI Image Conductive
MD **1 : 240** **ft**			

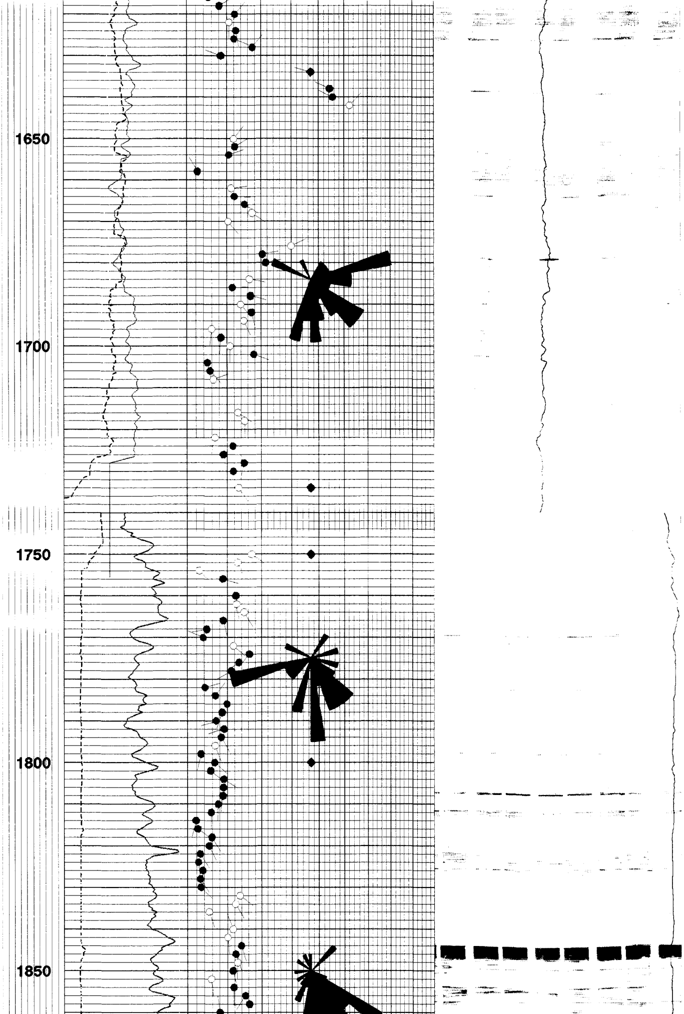


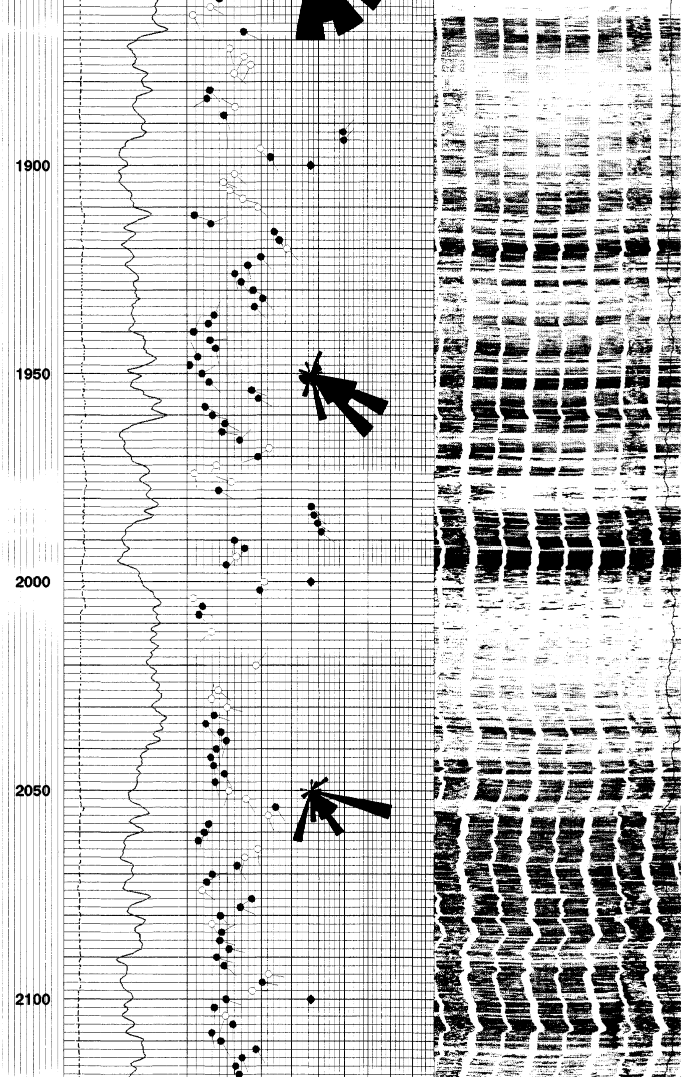


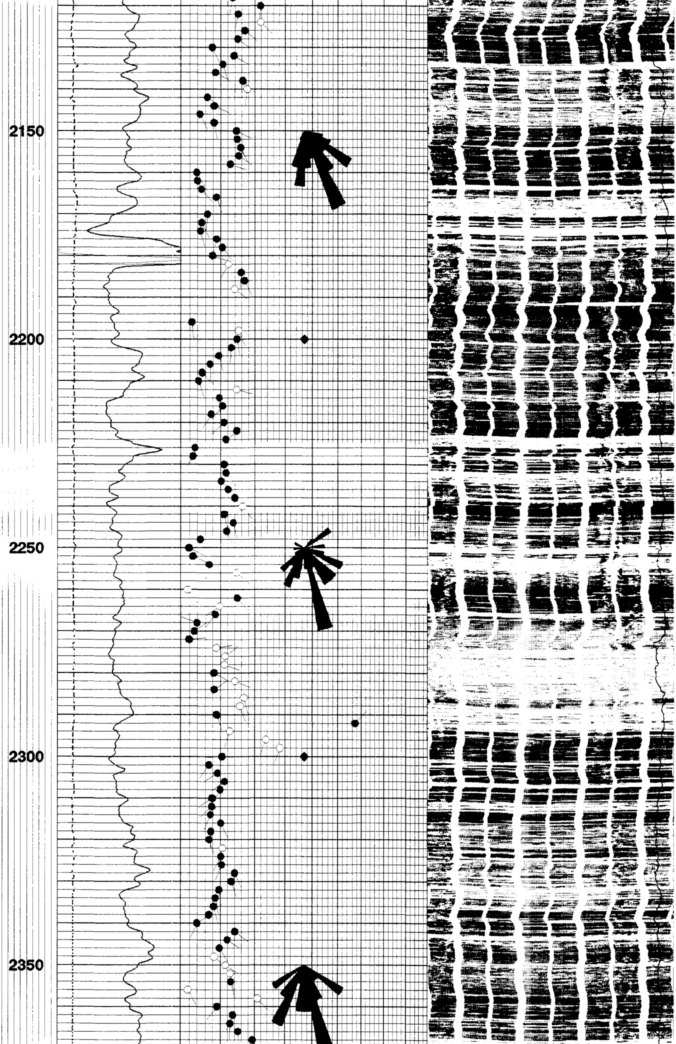


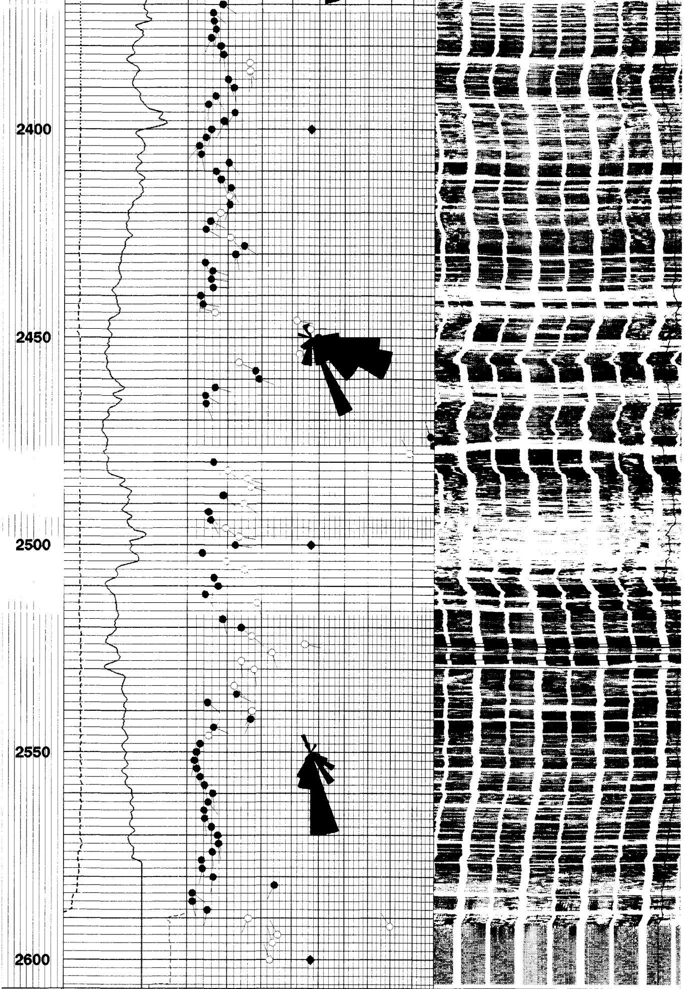












MD 1 : 240 ft	GR .CRC [A5905 150 (gAPI) 300	BorDip DIP .MSD [C595974] Tadpoles True Dip	FBSTB .024 FMI .STAT [C595286] Horizontal Scale: 1 : 10.341 Orientation North
Tadpole 3orehole drif	C2 .CRC [A5905 16 (in) 26	○ Quality]4,12[	0 120 240 360
0 Deg 50	C1 .CRC [A5905 16 (in) 26	● Quality [12,20] 0 Deg 90	Resistive FMI Image Conductive
Tadpole	GR .CRC [A5905 0 150	Tadpoles	

Borehole drif
0 Deg 50

Tadpole
Borehole drif
0 Deg 50

(gAPI)
C2 .CRC [A5905
6 16
(in)
C1 .CRC [A5905
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GR .CRC [A6631
0 150
(gAPI)
C1 .CRC [A6631
6 16
(in)
C2 .CRC [A6631
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(in)

True Dip
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Quality [12,20]
0 Deg 90

W N S E

True Dip
BorDip DIP .MSD [C595974]

W N S E

True Dip
BorDip DIP .MSD [C596279]

BorDip DIP .MSD [C664022]
Tadpoles
True Dip
Quality]4,12[
Quality [12,20]
0 Deg 90

Straight Image
0 120 240 360
Resistive FMI Image Conductive

FBSTA .018 FMI .STAT [C663382]
Horizontal Scale: 1 : 8.247
Orientation North
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