TEST REPORT ON LOAD CYCLE TEST OF AXIAL TUBE

END CRACKS IN WELDED SLEEVE/TUBE SAMPLES

TR-MCC-185, REV. 00
CE TASK NO. 848841

ABB COMBUSTION ENGINEERING NUCLEAR POWER
MATERIALS TECHNOLOGY
WINDSOR, CONNECTICUT

Prepared by: E. P. Kurdziel Date: 1/3/92
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The information contained in this document has been reviewed and satisfies the applicable items contained in Checklist No. 4 of QAP 3.6.

Name C. HOFFMANN

Signature Chris Hoffmann Date 1-3-92

The tests described in this report are accepted as meeting the objectives and instructions described in the referenced test report and test procedures.

Name David Stepnick DAVID STEPNICK

Signature David Stepnick Date 1-8-92

TABLE OF CONTENTS

1.0 PURPOSE

The purpose of this program was to determine whether or not cracks located in the tube ends of steam generator tubes would propagate into weld joints after sleeves are installed. This determination was made through a test program that involved the cyclic testing of sleeved tube specimens containing tube end cracks.

2.0 CONCLUSIONS

On the basis of the tests performed, it is concluded that ABB can successfully weld a sleeve to a tube containing cracked ends. The process of machining away the tube end and welding a sleeve in the fillet weld region assures that the crack is no longer a potential primary to secondary leak path. Cyclic testing of these joints revealed that the crack did not propagate into the weld joint during loading. These test results are applicable to welded tube plug joints.

3.0 INTRODUCTION

During recent inspections of the steam generator tubes at the Kewaunee Nuclear Station, longitudinal cracks were found in the ends of some of the tubes. Questions were raised to ABB-CE concerning the potential of these cracks to propagate into weld joints that would be made during steam generator tube sleeving.

A request (Attachment 1) was made to Materials Technology by Steam Generator Services to perform tests to determine the potential for crack propagation. A test program was developed (Reference 6.1) and the tests and examinations performed.

4.0 DISCUSSION

4.1 Specimen Preparation

Tube specimens were prepared per Figure 1. Tube samples (.875" OD x .050" wall) were rolled into carbon steel blocks, then fillet welded in place. An EDM process was employed to make a notch in the tube to simulate an axial crack. The notch was approximately .0125" wide, 1 3/4" long and 100% throughwall on each sample.

After the tube ends were machined, sleeves were installed and welded in accordance with the Kewaunee site traveller, Reference 6.2. Upon completion of sleeve installation, baseline sleeve eddy current inspection and liquid penetrant examination were performed. Attachment 2 is the complete eddy current inspection report and Attachment 3 consists of all liquid penetrant test results.

Four samples were completed, three for cyclic testing and one for "baseline", to be used for comparison. The three samples for cyclic testing were K-6, K-7 and K-9, while the baseline specimen was K-4.

4.2 Cyclic Testing

4.2 Cyclic Testing

Three of the sleeved specimens, K-6, K-7 and K-9, were cyclic tested by Materials technology using a MTS test system. Each specimen was cycled between -200 lbs. and -2550 lbs. for 2000 cycles. The specimens were tested at a frequency of one cycle per second. This test sequence was intended to simulate the loading on the weld joint due to heatup and cooldown cycles, as well as transient conditions. This test sequence duplicates the original tests for the sleeve, as described in the sleeve licensing report, Reference 6.3. Upon completion of the cyclic testing, the samples were liquid penetrant tested.

4.3 Metallographic Examination

The four specimens were examined metallographically in order to determine crack location relative to the weld joint. Each of the specimens was mounted in a fixture and the weld joint was ground down incrementally in the transverse direction until the crack in the tube was visible.

5.0 TEST RESULTS

5.1 Eddy Current Tests

The eddy current test results are included as Attachment 2. These tests were performed for information purposes. Eddy current test data for notched samples, as well as data from the Kewaunee steam generators are included.

5.2 Liquid Penetrant Tests

The liquid penetrant test results are included as Attachment 3. The specimens passed the tests, both before and after cyclic testing. There were no indications of cracks or voids on the weld joint surfaces.

5.3 Cyclic Tests

The specimens did not fail the cyclic tests that were performed. No visible cracks or weld joint failures were visible. Each specimen was tested for the full 2000 cycle requirement.

5.4 Metallographic Examination

As described in Section 4.3, the specimens were incrementally ground in the transverse direction until the crack was revealed. Approximately .025" was removed on the first grind, and approximately .005" thereafter. After each grind, the specimen was placed on a polishing wheel in order to more clearly reveal the crack location by removing any "smeared" metal. In all cases, the first measurements were taken from the highest point of the weld bead. The amount of weld metal removed for each specimen is shown in the table below.

Specimen No.	Condition	Amount Weld Metal Removed
K-4	Baseline	.056"
K-6	Cyclic Tested	.044"
K-7	Cyclic Tested	.060"
K-9	Cyclic Tested	.043"

In all cases the crack appeared after the interface between sleeve and tube was revealed. this indicates that the crack was not present in the weld metal, but only in the unwelded tube material. The reason for the slight difference between the amount of metal removed is that there is a minimal variation in weld height around the length of the weld. This variation is due to heat buildup during the weld process.

5.5 Applicability to Plugging

It is the position of ABB that these sleeve tests are applicable to welded tube joints. The joint configuration is similar and the loading conditions are more conservative for the sleeve joint than for the plug joint.

6. REFERENCES

6.1 00000-MCC-114, Test Program for Weld Integrity Testing of a Steam Generator Sleeve Welded to an Axially Cracked Steam Generator Tube End.

6.2 ST No. 848842-001, Rev. 0, Installation of Welded Steam Generator Tube Sleeves Using Peripheral Tooling.

6.3 CEN-413-P, Kewaunee Steam Generator Tube Report Using Leak Tight Sleeves.

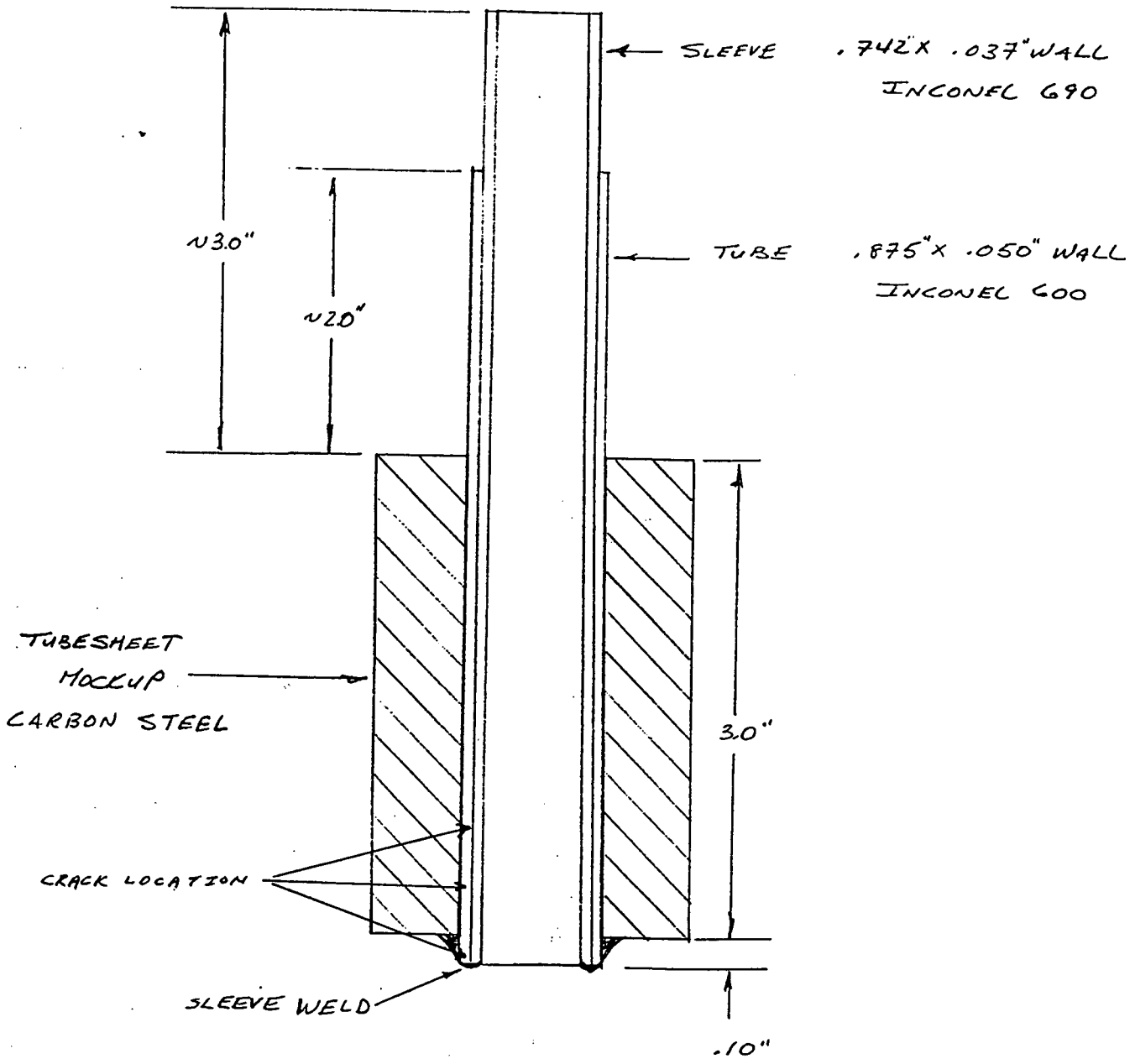


Figure 1. Axial Tube End Crack Sample

ATTACHMENT 1

TEST REQUEST

ASEA BROWN BOVERI

Inter-Office Correspondence

David Stepnick

To: E.P. Kurdziel
9428-1206

D. G. Stepnick
9445-M088

cc: W. R. Gahwiller
G. H. Stevens

January 2, 1992

Subject: Transmittal of Test Request Involving Welded Sleeve Installation In Cracked Tube Ends

Reference: Kewaunee Steam Generator Tube Repair using Leak Tight Sleeves, Sleeve Qualification No. CEN-413-P

The purpose of this memo is to transmit the attached Test Request, T.R. NO. T-MCC-185, Supplement Number 00. This test request outlines the preparation and testing of samples which will be used to justify the structural integrity of installed welded tube sheet sleeves in steam generator tubes containing axial cracks near the tube ends.

The significant steps for sample preparation and testing follow:

1. Roll and fillet weld tube samples
2. Perform ECT baseline of tube samples
3. To simulate axial cracks, EDM notch tube samples
4. Repeat ECT program
5. Machine tube ends prior to sleeve installation
6. Install and weld sleeve samples
7. Perform load cycle test on sleeve/tube samples per the requirements of the referenced Sleeve Qualification Report. Load Range: -200 to -2550 pounds
   Cycles: 2000
8. Perform dye penetrant testing and metallographic examination of samples.

SG92000.DS

ABB-CENP Mat./Chem. Tech. Test - Task Request

Test - Task Name:	T. R. No. T-MCC-185 Suppl. No. 00
Load Cycle Test of Axial Tube End Crack Welded Sleeve / Tube Samples	Account No. 848841
	Time Charge No. 848841

Requirements:

- Prepare test specimens by rolling & welding s/c tubes into blocks. EDM notch that will be through-wall at tube end.
- Machine tube ends per Rework Traveller, ST No. 848842-001.
- Install sleeves per Rework Traveller, ST No. 848842-001.
- Perform baseline eddy current testing on sample
- Perform load cycle testing on samples in accordance with Procedure No. 00000-MSD-072, Rev. 01.
  - Load Range -200 to -2550 lbs.
  - 2000 cycles.
- Perform eddy current testing, dye penetrant testing and metallographic examination

Quality Assurance:	(Yes) No	
Quality Class:	(1) 1D 2 3	
Safety Related:	(Yes) No	PURPOSE (Testing - Only One Applies)
QAM 101 - QAP 3.6:	(Yes) No	Develop Design Input: Yes (No)
Quality Plan No.:		Verify Design: (Yes) No

Other Quality Requirements:

Requested By: D. Proctor	CEP No. 9445-M088	Date: 12/13/91
Task Approved By:	CEP No.	Date:

For Dept 9428 Use Only

Estimated By:	Date:	Estimated 9428 Costs
Engineer Assigned:	Date:	Engineer Hrs
Supv / Prod Mgr Assigned:	Date:	Technician Hrs
Work Authorized By:	Date:	M & S
Targeted Work Completion Date:		NPS / SDS Estimate No.
Distribution:		
Originals:		
Copy:		
Estimated Total Technology Services Activity Costs		

ATTACHMENT 2

EDDY CURRENT TEST REPORT

SUMMARY

Field eddy current data for Kewaunee steam generator tubes was reviewed by ABB Combustion Engineering Outage Services, Windsor, CT. In addition, laboratory eddy current data was taken from expanded, welded and electric discharge machined notched samples. Comparison of the laboratory and field data was performed and is reported in tabular and graphic form. While the signals can be ranked from most flaw-like to least flaw-like, there is no strong evidence that the field eddy current signals are caused by a flaw discontinuity in the SG tube wall. Indications from ID initiated flaws are often similar to indications caused by probe lift off and tube geometry (dings, weld, ovalization). It is recommended that future tests during the refueling outage include the 3 coil MRPC at a slower test speed and that verification of these results be confirmed with visual or penetrant testing.

1.0 INTRODUCTION

Eddy Current testing was performed on steam generator (SG) tubes at the Kewaunee Nuclear Plant. This data was forwarded to ABB CE Outage Services for further evaluation.

2.0 SCOPE

Data from 16 SG tubes was provided. In addition, laboratory samples of SG tubes were tested and the data analyzed. The field and laboratory data were compared.

3.0 METHODS

3.1 Field Data Analysis. Field eddy current consisted of motorized rotating eddy current (MRPC) data and was analyzed by a certified data analyst using the Eddynet Analysis System. This is the standard, state of the art, eddy current analysis system in general usage for field examinations of nuclear plant eddy current data. High resolution graphic printouts of the field data and tabular summaries are provided as part of this report.

3.2 Tube Samples. The tube samples discussed here were described elsewhere in the main body of this report. Since there is a reasonable probability that the signals in the field data are caused by probe wobble or tube geometry irregularities, SG

tube samples with and without flaw indications and geometry variations were tested in the laboratory using probe pusher/pullers similar to those used for field examinations. The data was analyzed in the same manner as the field data. High resolution graphic printouts of the field data and tabular summaries are provided as part of this report.

4.0 RESULTS AND DISCUSSION

4.1 Field Data Analysis. The results of the field data analysis are tabulated in Table 1. All measurements were taken at 400 kHz; the 100% hole was set at 10 degrees; a three point curve was established with the 100%, 60% and 40% notches; the 60% notch was set at 5.0 volts vert. max.; and 1 inch was assumed between the calibration standard flaws for setting the axial scale of the terrain plots. Table 1 contains a reading for the signal and noise volts in the region of the signal as well as a calculation for the signal to noise ratio (S/N). The S/N ratio is very low for these signals and ranges from 0.04 to 0.3. Values for the estimated length (range of 0.29" to 1.68") of the signal indications as well as the angles (range of 4 to 50 degrees) of the signal indications are provided. For real ID flaws the phase angle is often similar to the phase angle for ID tube noise and probe wobble. In addition, for ID flaws, there is typically very little change in phase angle with depth (poor resolution). A column which estimates the degree to which the signal is flawlike (1 most, 2 more, 3 least or not) is also included in Table 1. Figure 1 shows a category 1 signal where the 400 kHz lissajous is flawlike with supporting evidence from all other frequencies. Figure 2 shows a category 2 signal where the 400 kHz lissajous is flawlike with little supporting evidence from the other

frequencies. Figure 3 show a 400 kHz signal which is not flawlike. The most flawlike signals have more vertical signal component. Tube R38C61 is the most probable flaw of all the samples due to the location and S/N ratio. The complete graphics will be found in Section 5.0.

TABLE 1
KEWAUNEE FIELD EDDY CURRENT DATA ANALYSIS
(April 1991 Data/December 1991 Analysis)

Row	Col	Signal Volts	Noise Volts	S/N	Length (Inches)	Angle (Degs)	%TW	Est. 1/
18	12	6.3	25.4	0.2	0.6	4	60	2-3
29	13	6.7	35.2	0.2	1.2	13	98	2
30	14	6.7	32.9	0.2	1.68	23	91	1
31	15	4.7	31.7	0.1	1.68	24	90	1
41	42	1.1	30.4	0.04	0.29	359	0	3
45	41	1.1	16.4	0.1	0.43	42	78	1
1	16	8.0	27.7	0.3	0.35	11	99	2
37	45	0	9.9	0	-	-	-	3
38	61 2/	4.5	3.3	1.4	0.5	7	70	1
37	68	3.3	42.6	0.1	0.78	18	94	1
4	88	2.6	40.8	0.1	0.60	12	99	2
18	87	3.5	34.4	0.1	0.6	25	89	1
15	91	1.2	32.2	0.04	0.36	50	73	1
10	91	5.9	19.0	0.3	0.35	19	94	1
5	90	1.6	38.9	0.04	0.60	33	84	1
4	89	8.8	37.1	0.2	0.55	21	92	1

1/ Key: 1 Most Flawlike
2 More Flawlike
3 Least or Not Flawlike

2/ For tube R38C61 the signal indication starts at TEH +1.85".

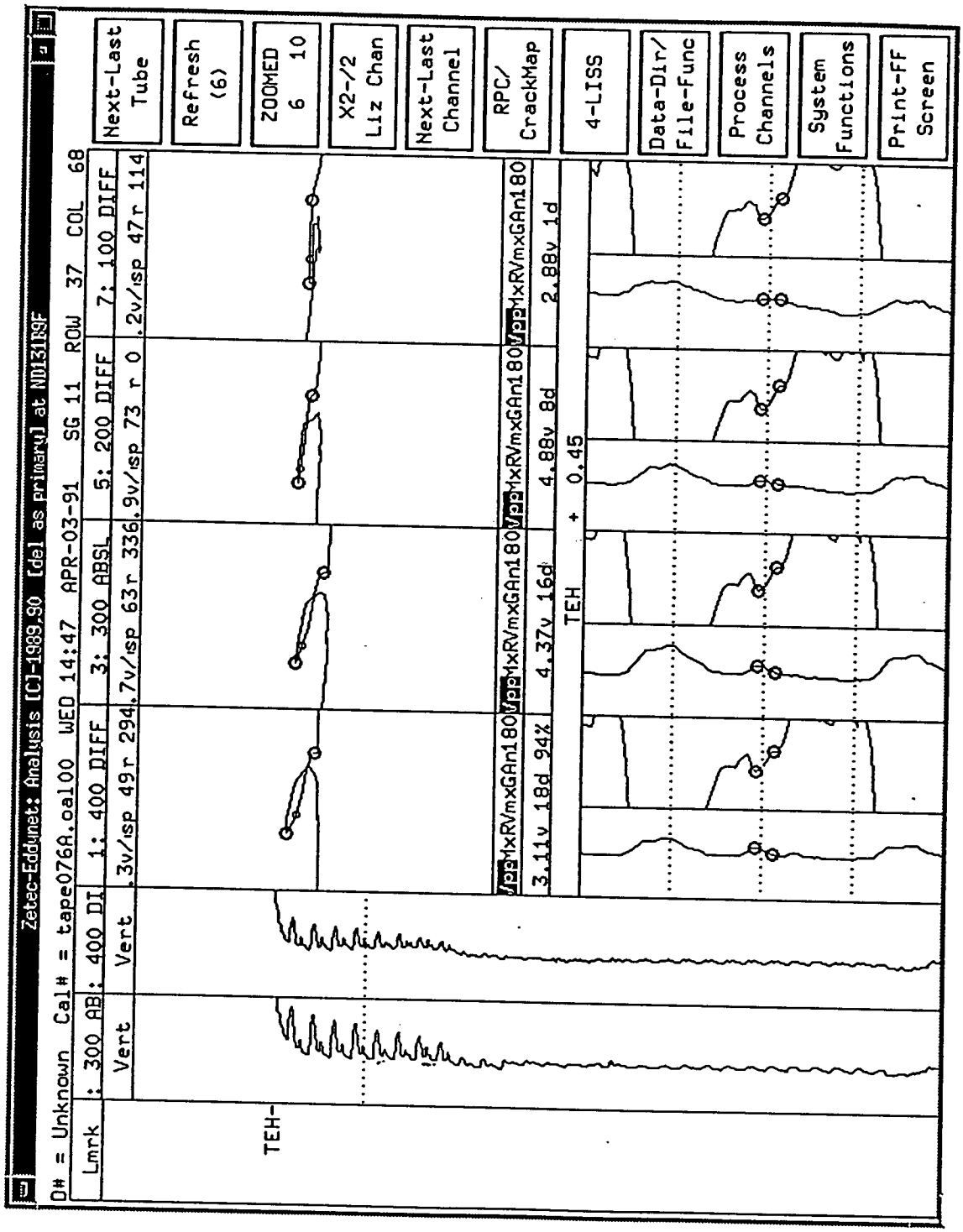


Figure 1--Kewaunee Eddy Current

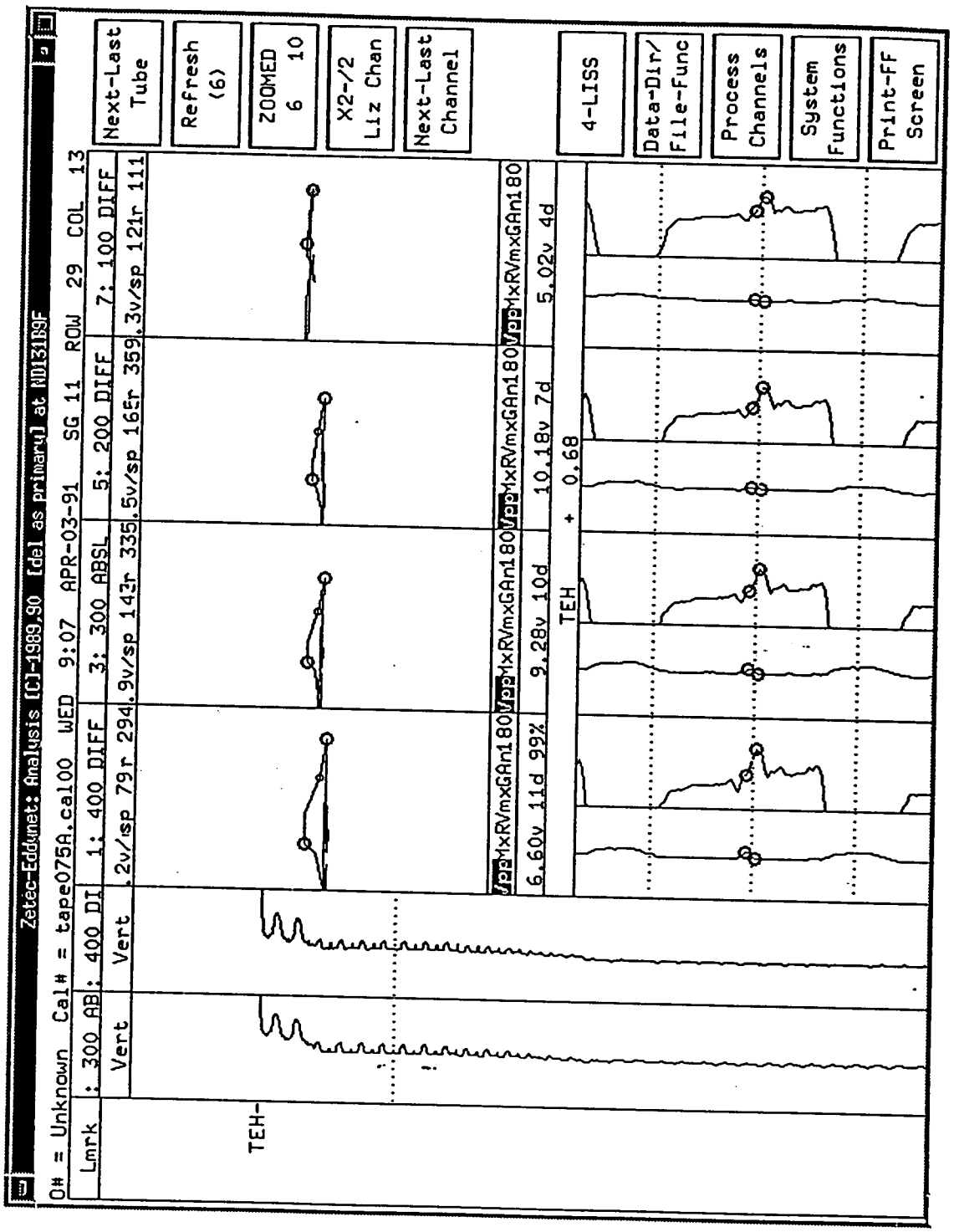


Figure 2--Kewaunee Eddy Current

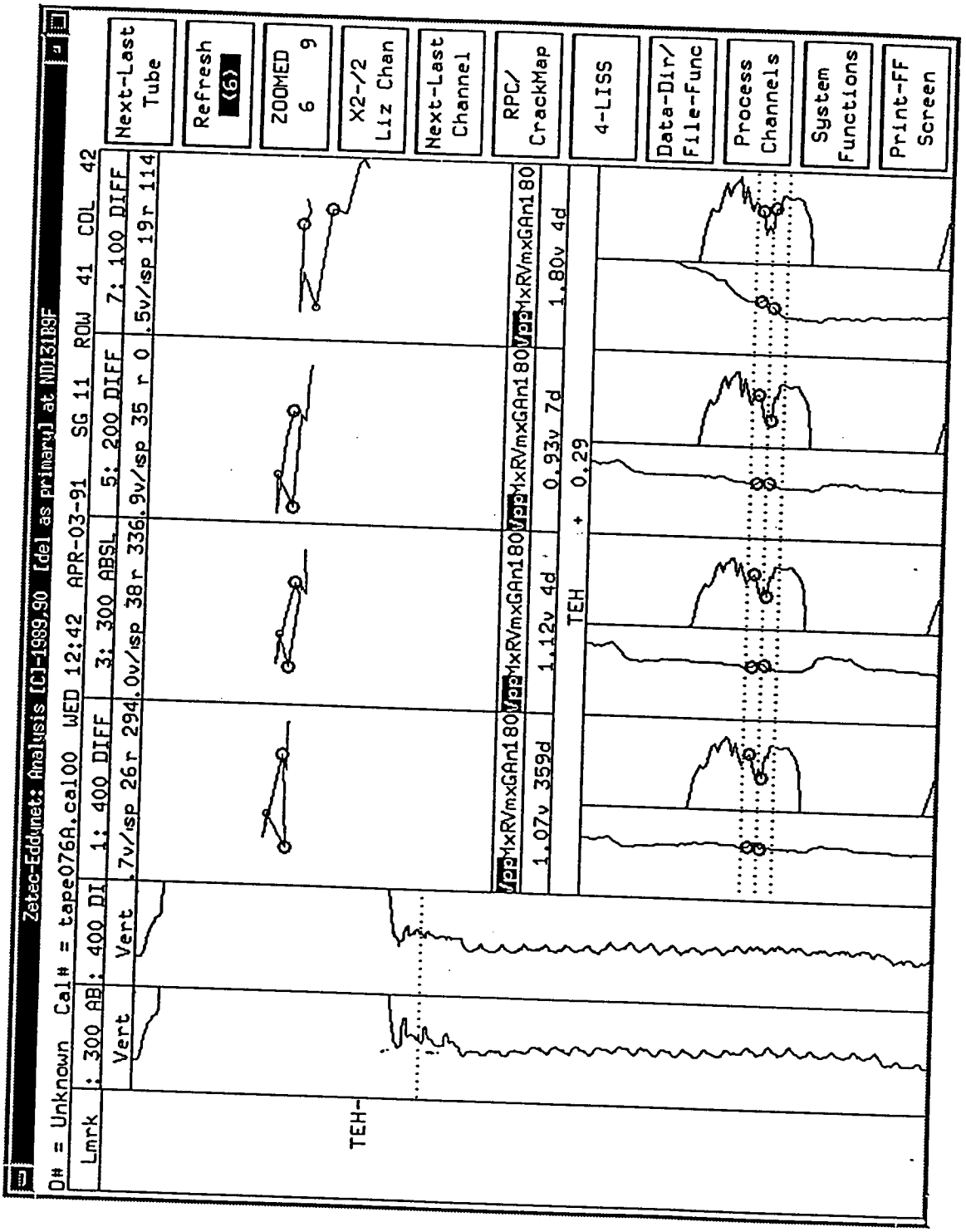


Figure 3--Kewaunee Eddy Current

4.1 Tube Samples. The results of the analysis of the eddy current data from the tube samples are tabulated in Table 2. The analysis setup was the same as for the field data. Some of the noise volts (range 3.0 to 73.8) are comparable to the volts from the noise in the field data, but the signal to noise ratios are higher ranging from 1.1 to 11.6. The signal voltages are a magnitude larger than those expected in the field due to the size of the EDM notches. Figure 4 shows a typical signal from a tube to tubesheet hand weld. The sample tubes had varying degrees of these indications. Figure 5 show a typical signal from an EDM notch in a tube/tubesheet sample. The notch starts at the tube end and stops at 1.5 inches from the tube end. Figure 6 show a liftoff signal in the tube/tubesheet sample caused by excessive penetration of tubesheet weld. Figure 7 show a liftoff signal caused by a .015" dimple dent in the tube. The complete graphics will be found in Section 6.0.

TABLE 2
KEWAUNEE LAB SAMPLES EDDY CURRENT DATA ANALYSIS
(December 1991 Data)

Sample Number[1/]	Noise Signals[2/] Volts	Degs	%TW	Loc	EDM Signals[3/] Volts	Degs	%TW	Loc	S/N
Samples without notches:									
1	15.6	59	83	.08	n/a				
2	3.0	114	37	.09	n/a				
5	6.3	43	90	.17	n/a				
	3.9	30	94	.10	n/a				
8	73.8	63	81	.21	n/a				
Samples with notches:									
3	12.0	45	89	.14	29.7	14	86	.72	2.5
4	9.9	40	91	.22	43.3	32	93	.99	4.4
	3.9	87	66	.20					11.1
6	25.2	35	92	.10	27.0	21	97	.66	1.1
7	4.4	69	78	.13	51.2	32	93	.79	11.6
9	7.5	46	88	.19	29.2	24	96	.65	3.9
10	15.6	80	71	.15	52.5	30	44	.44	3.4

1/ Samples described in main report.

2/ Lack of weld, lift off, probe wobble, etc.

3/ All 1½" long.

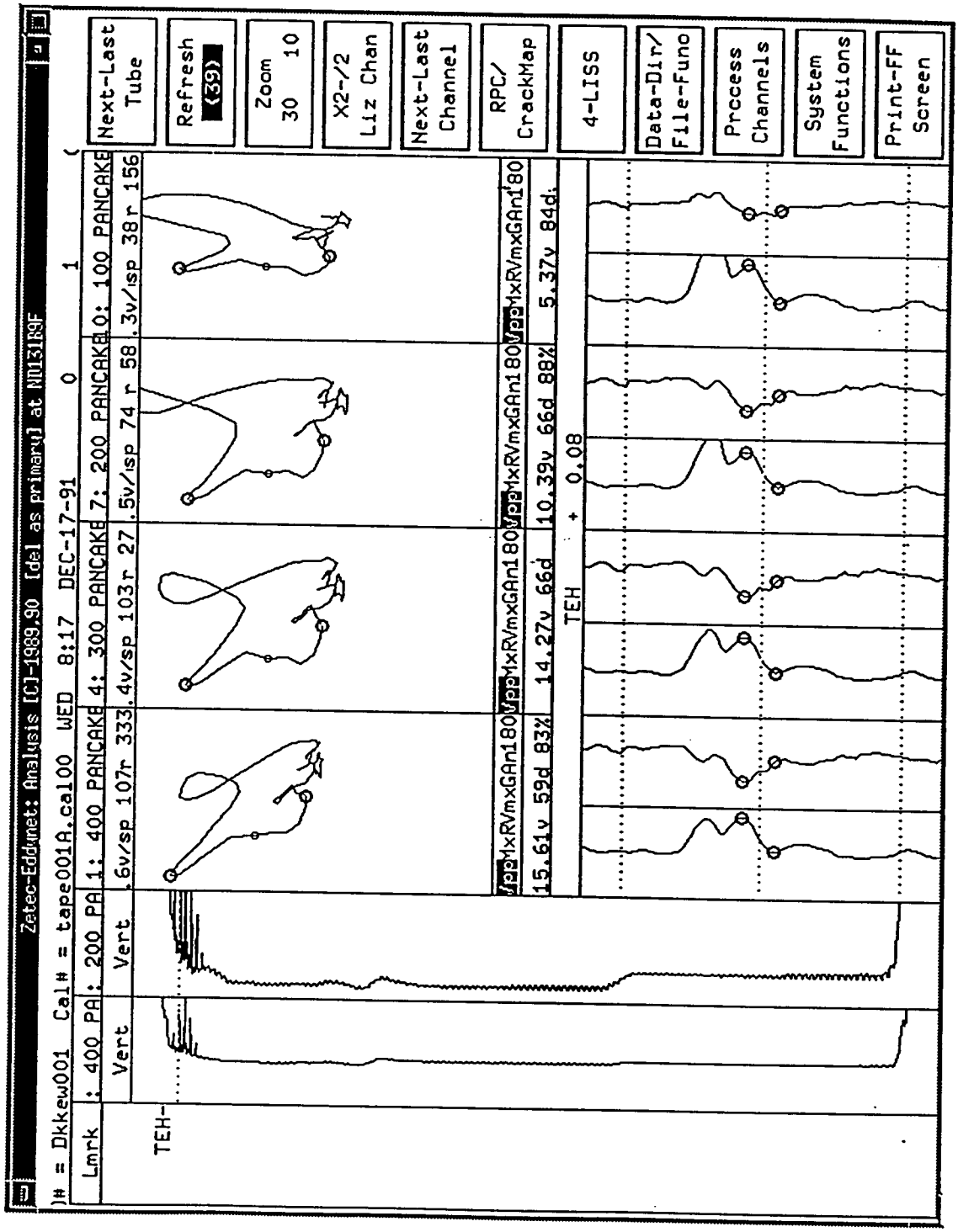


Figure 4--Kewaunee Eddy Current-Weld Signal

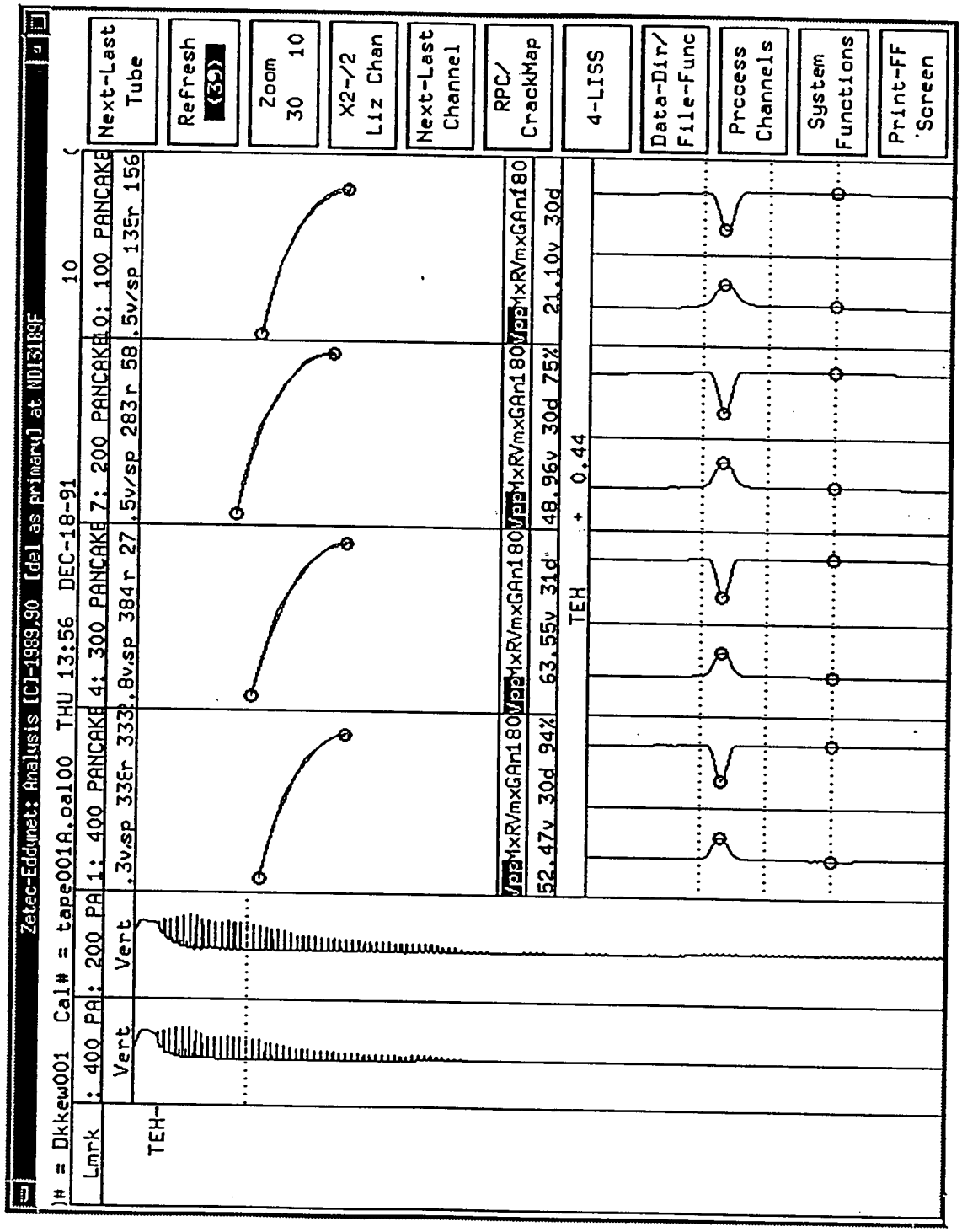


Figure 5--Kewaunee Eddy Current-EDM Notch Signal

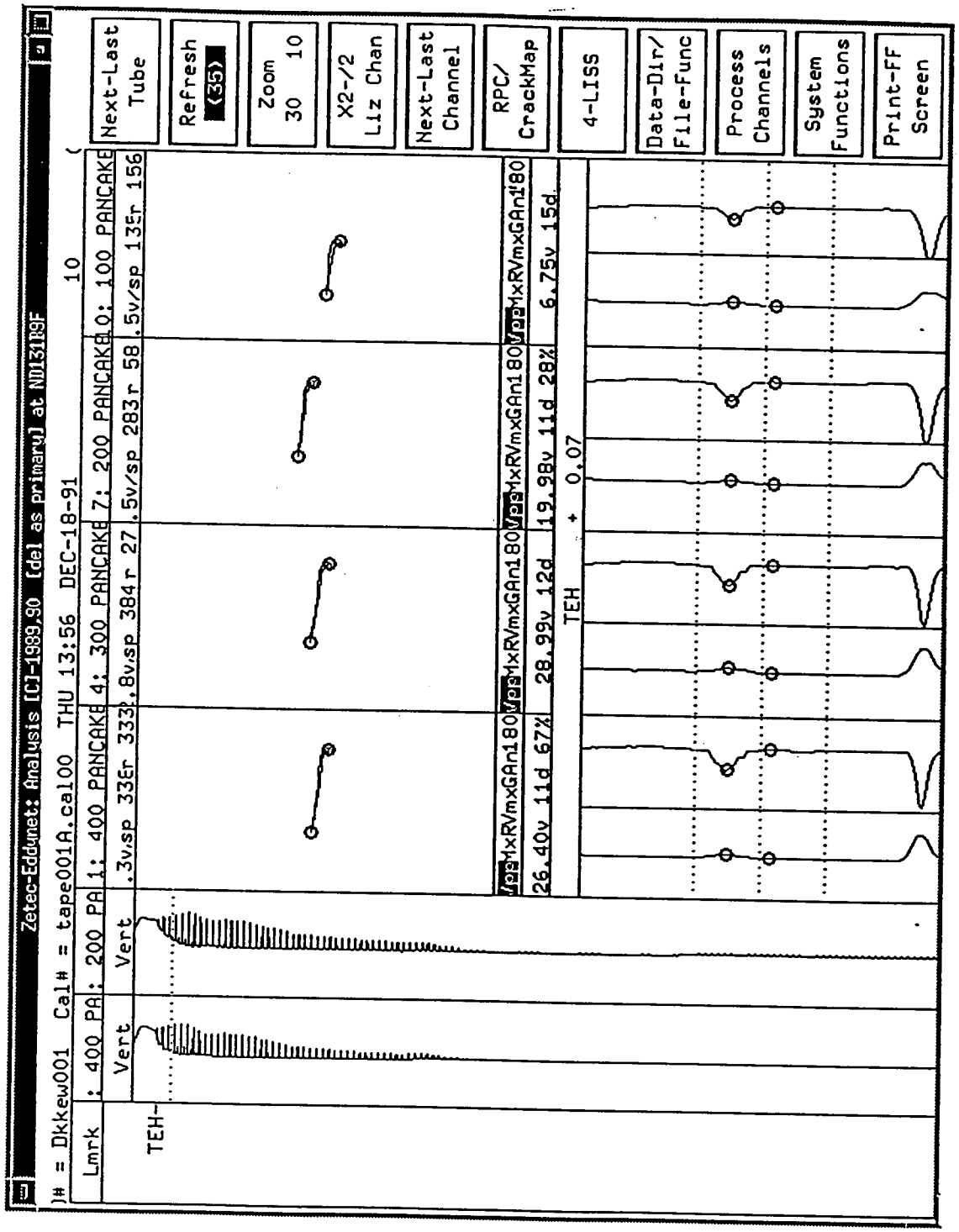


Figure 6--Kewaunee Eddy Current-Liftoff Signal-Excessive Penetration

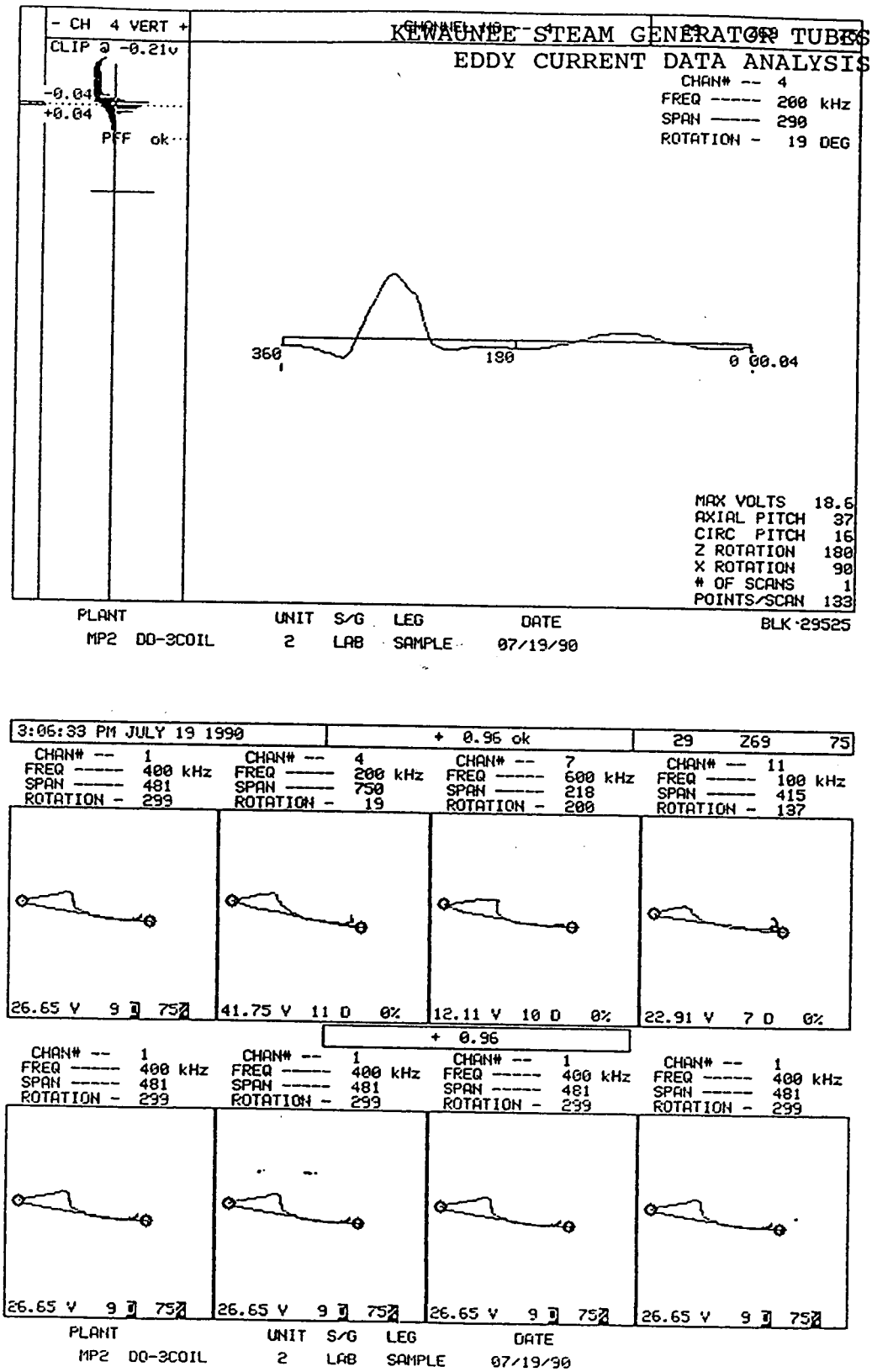
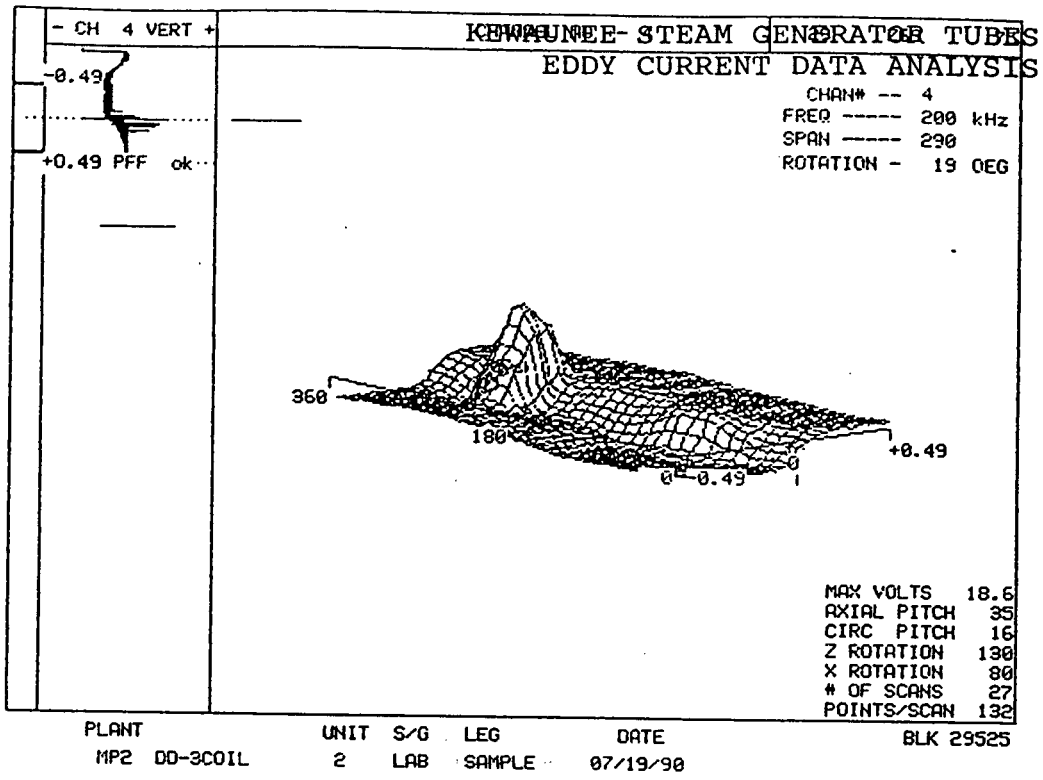


Figure 7A--Kewaunee Eddy Current-Liftoff Signal-Dent



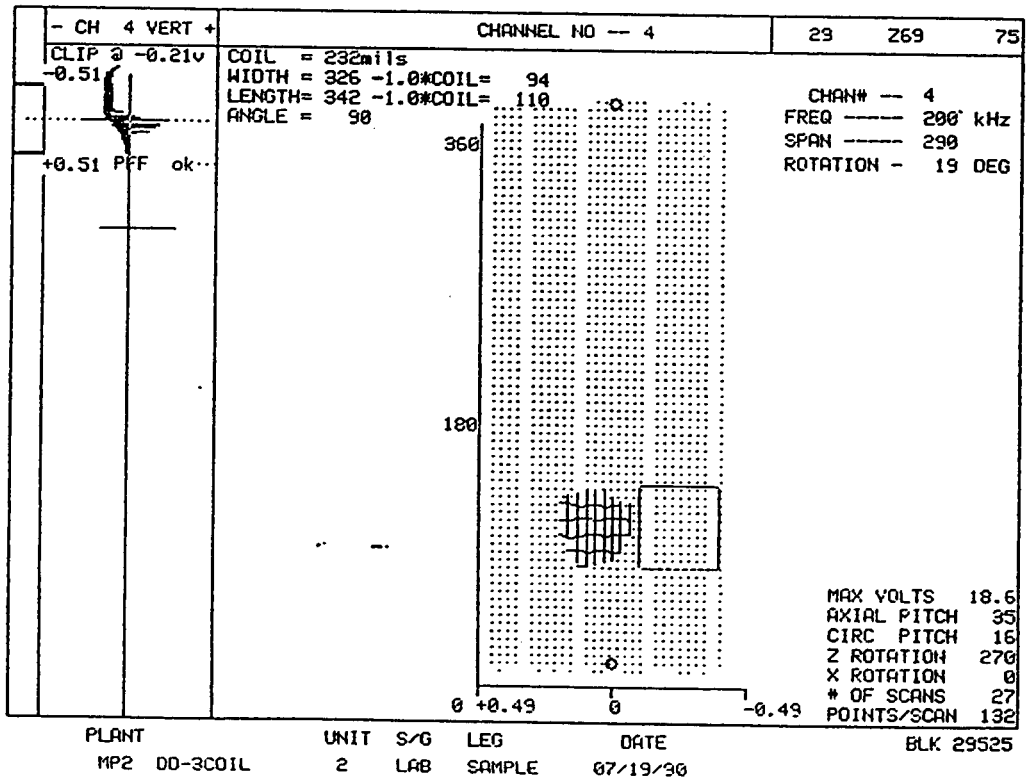
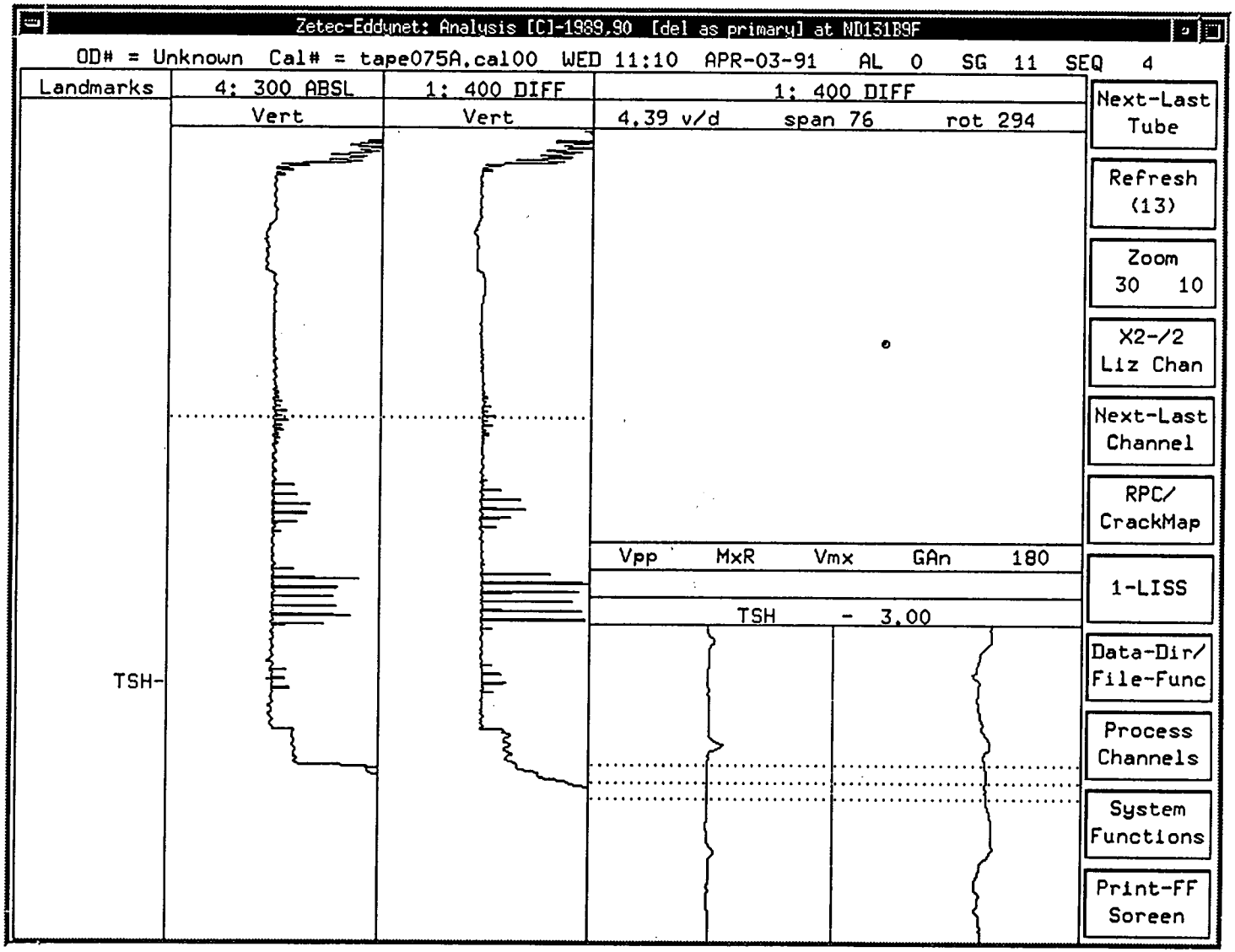


Figure 7B--Kewaunee Eddy Current-Liftoff Signal-Dent

SECTION 5.0 - FIELD EDDY CURRENT GRAPHICS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Vert
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Vpp MxR Vmx GAn 180
TSH - 3.00
TSH-
Next-Last Tube
Refresh (13)
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Next-Last Channel
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Data-Dir/ File-Func
Process Channels
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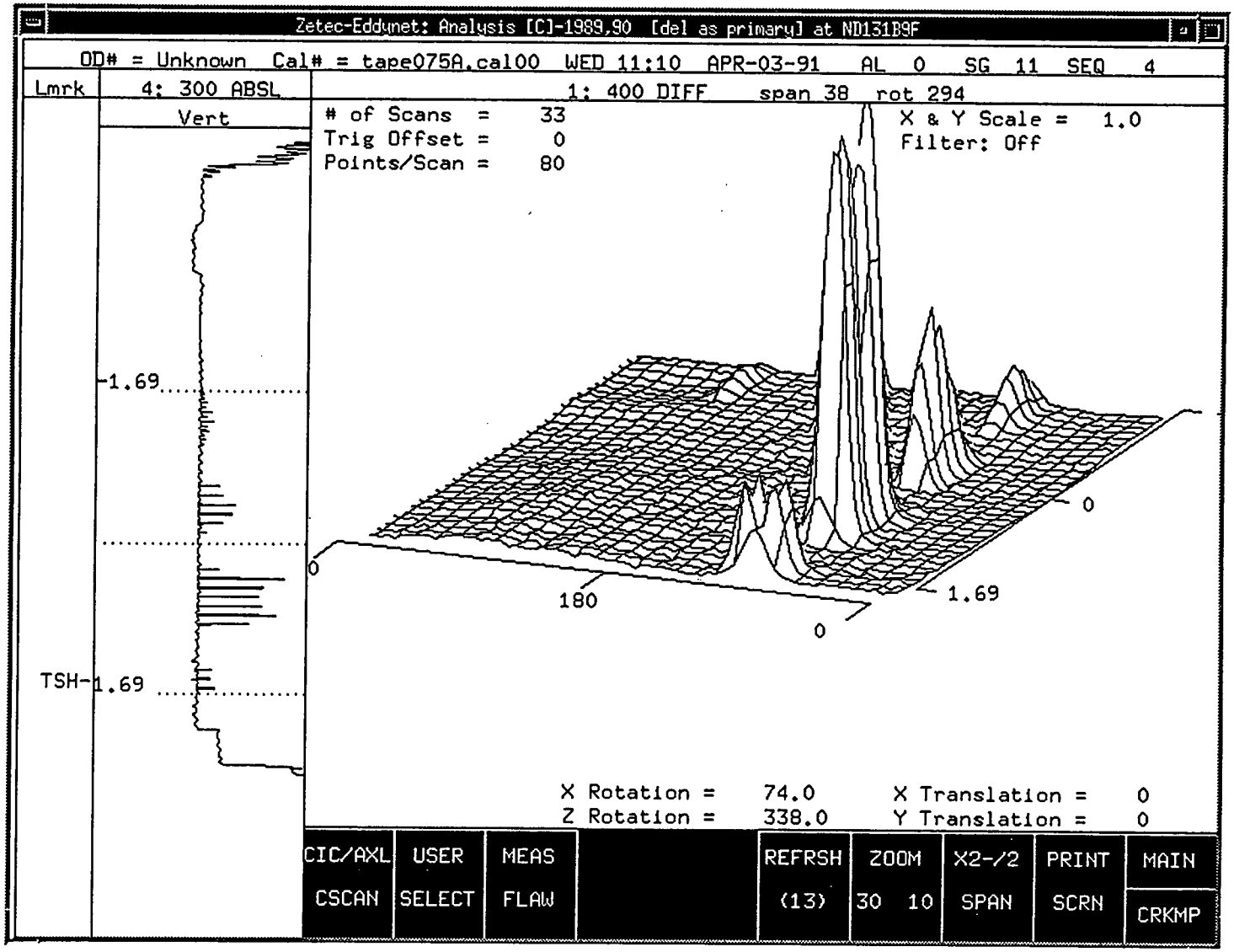
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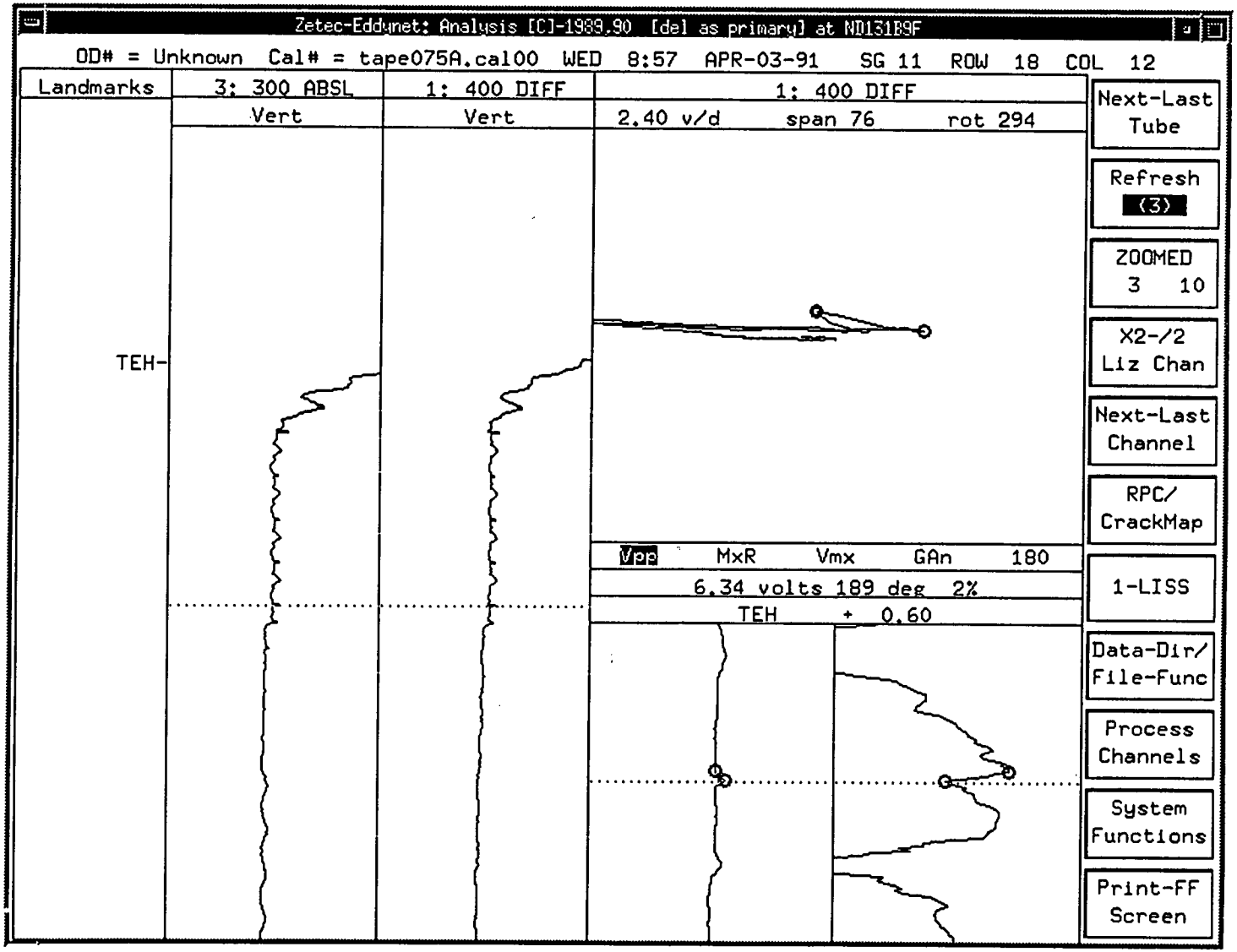
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TEH-
Vpp MxR Vmx GAn 180
6.34 volts 189 deg 2%
TEH + 0.60
Next-Last Tube
Refresh (3)
ZOOMED 3 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
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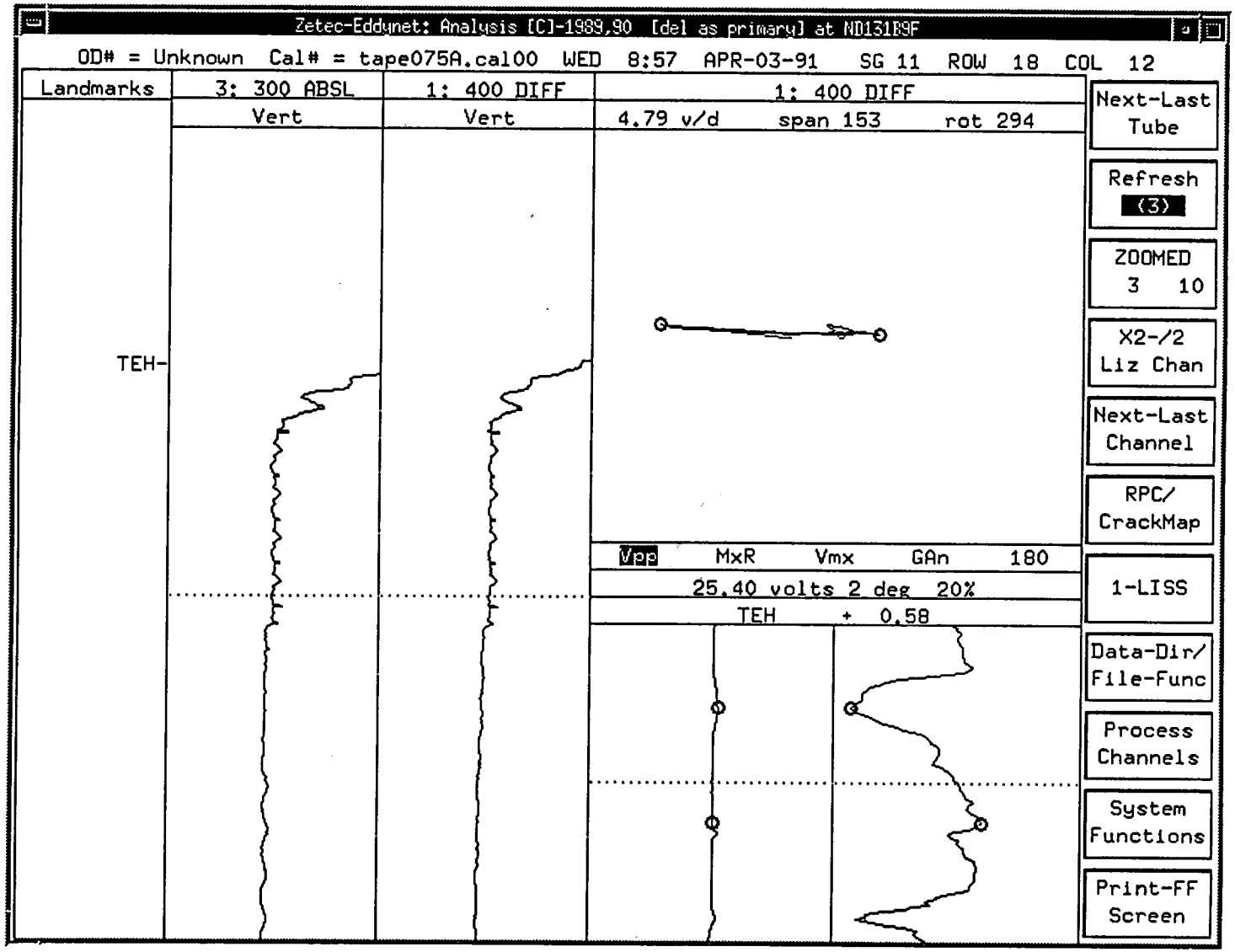
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen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TEH-
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25.40 volts 2 deg 20%
TEH + 0.58
Next-Last Tube
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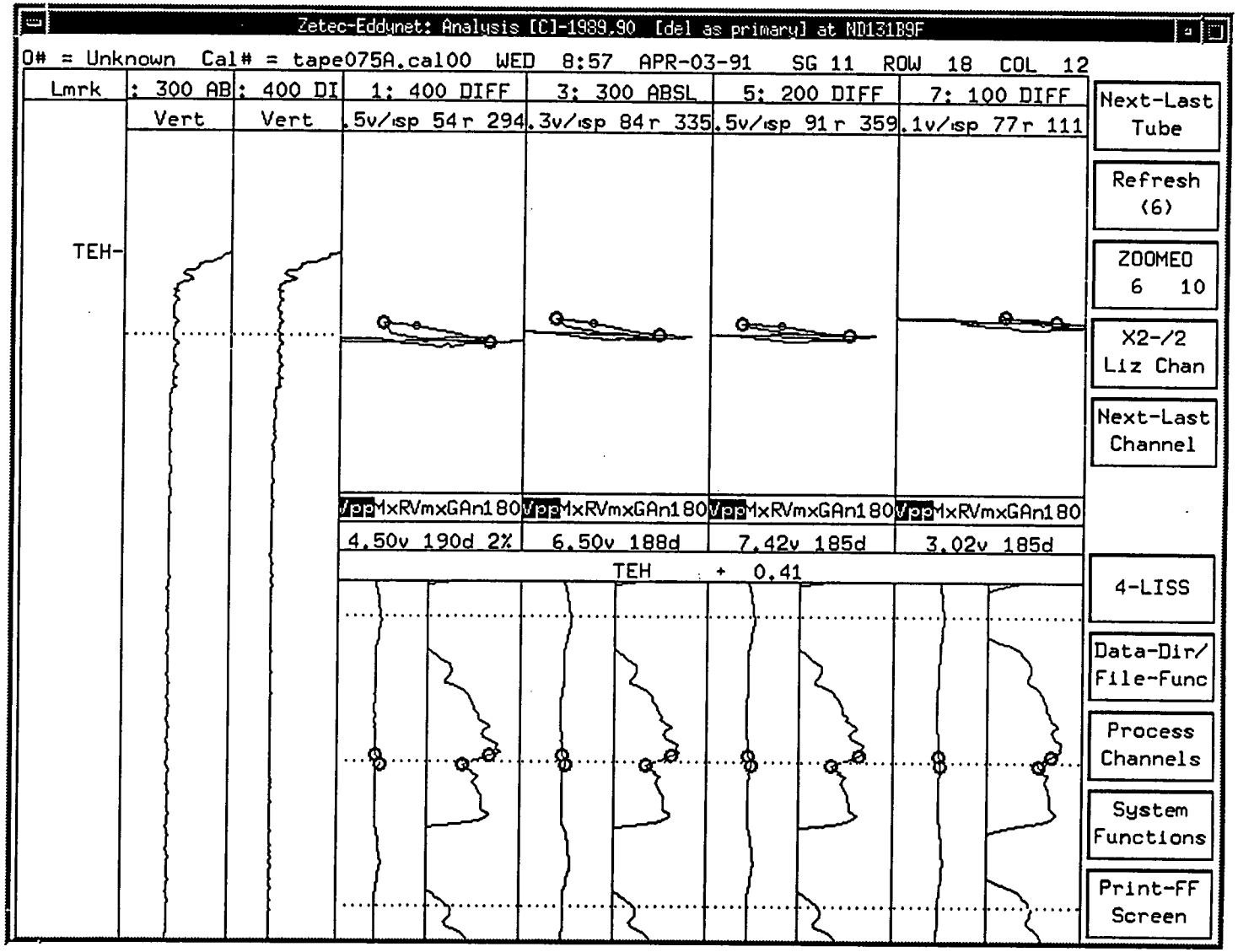
Process Channels
System Functions
Print-FF Screen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1: 400 DIFF
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7.42v 185d
3.02v 185d
TEH + 0.41
Next-Last Tube
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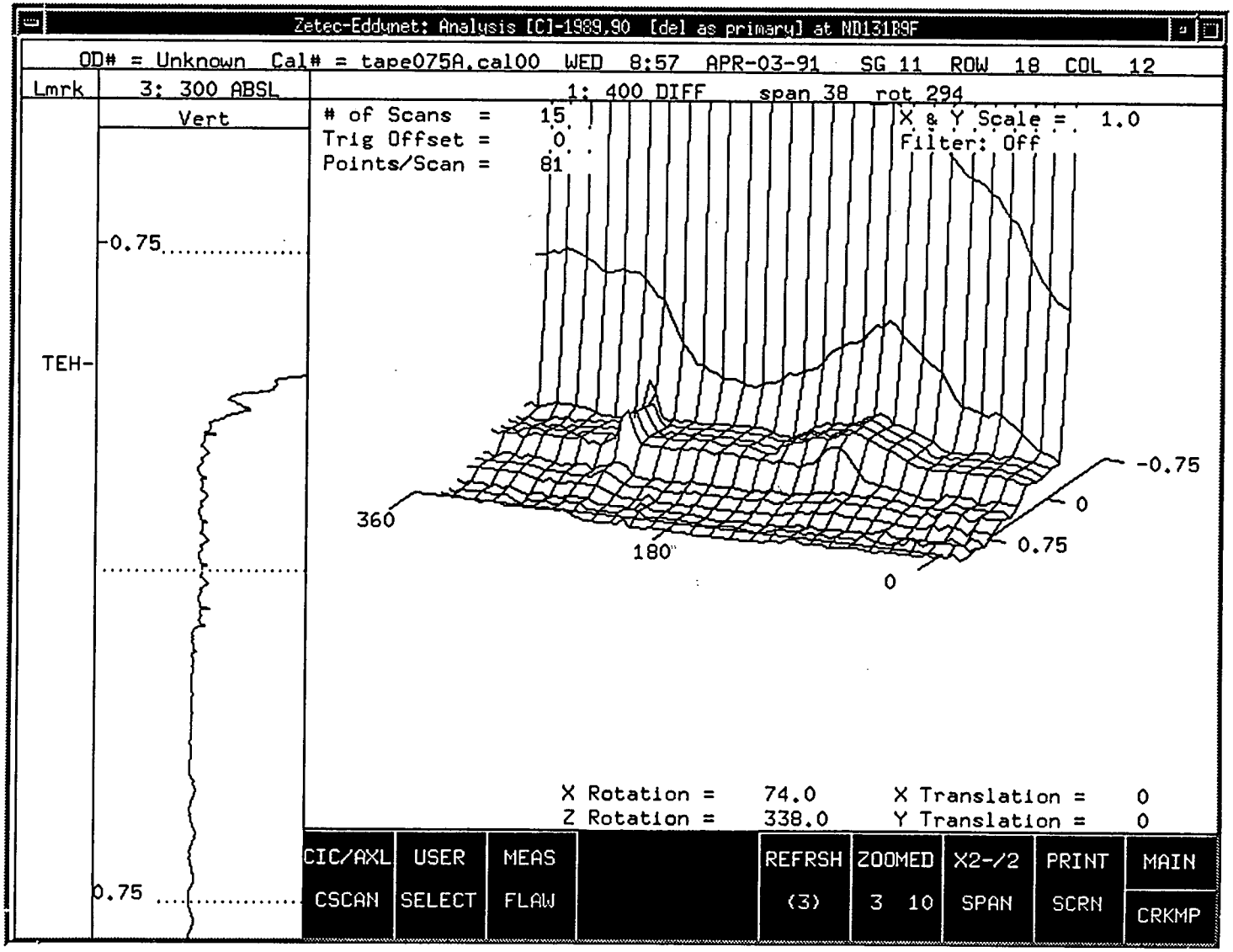
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen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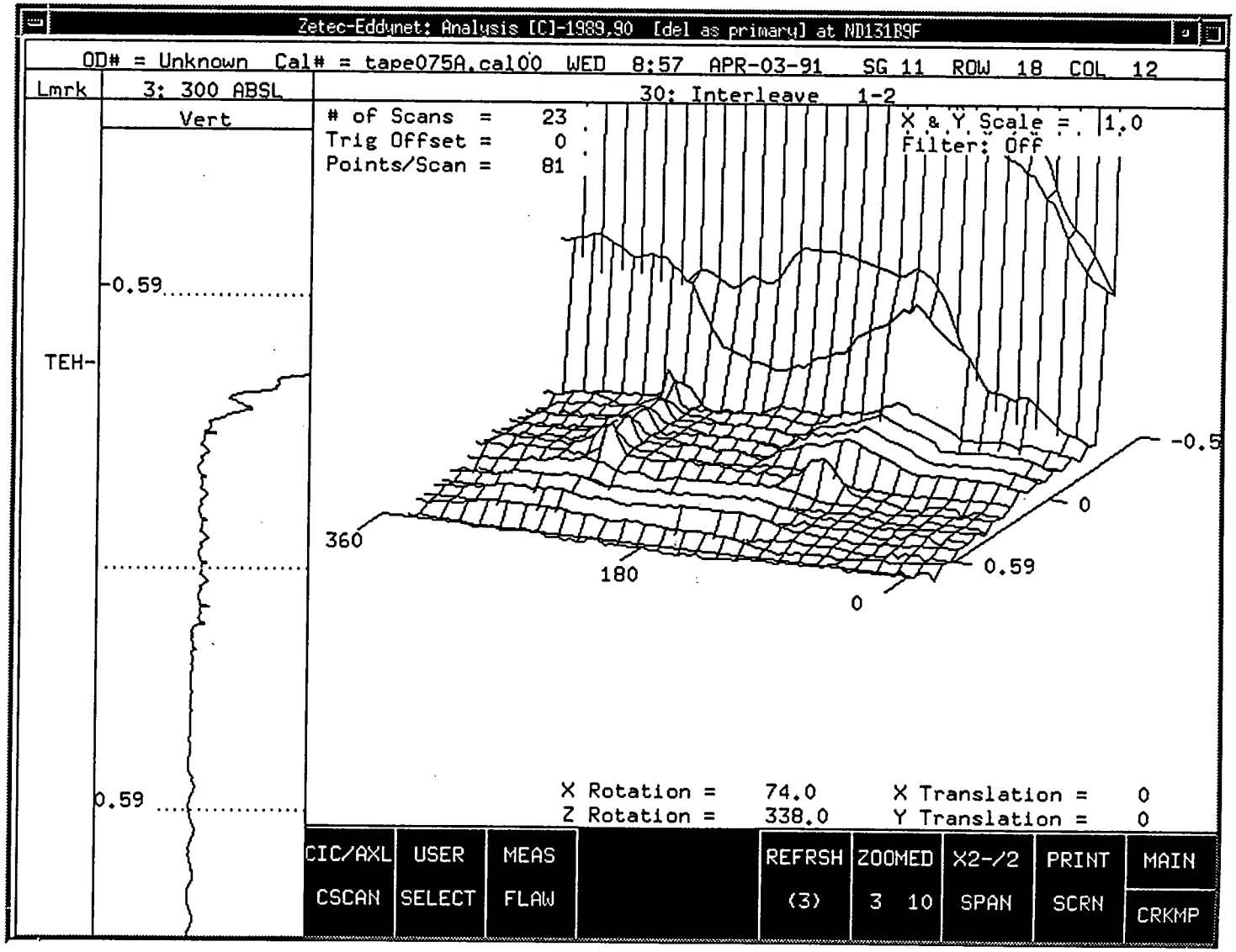
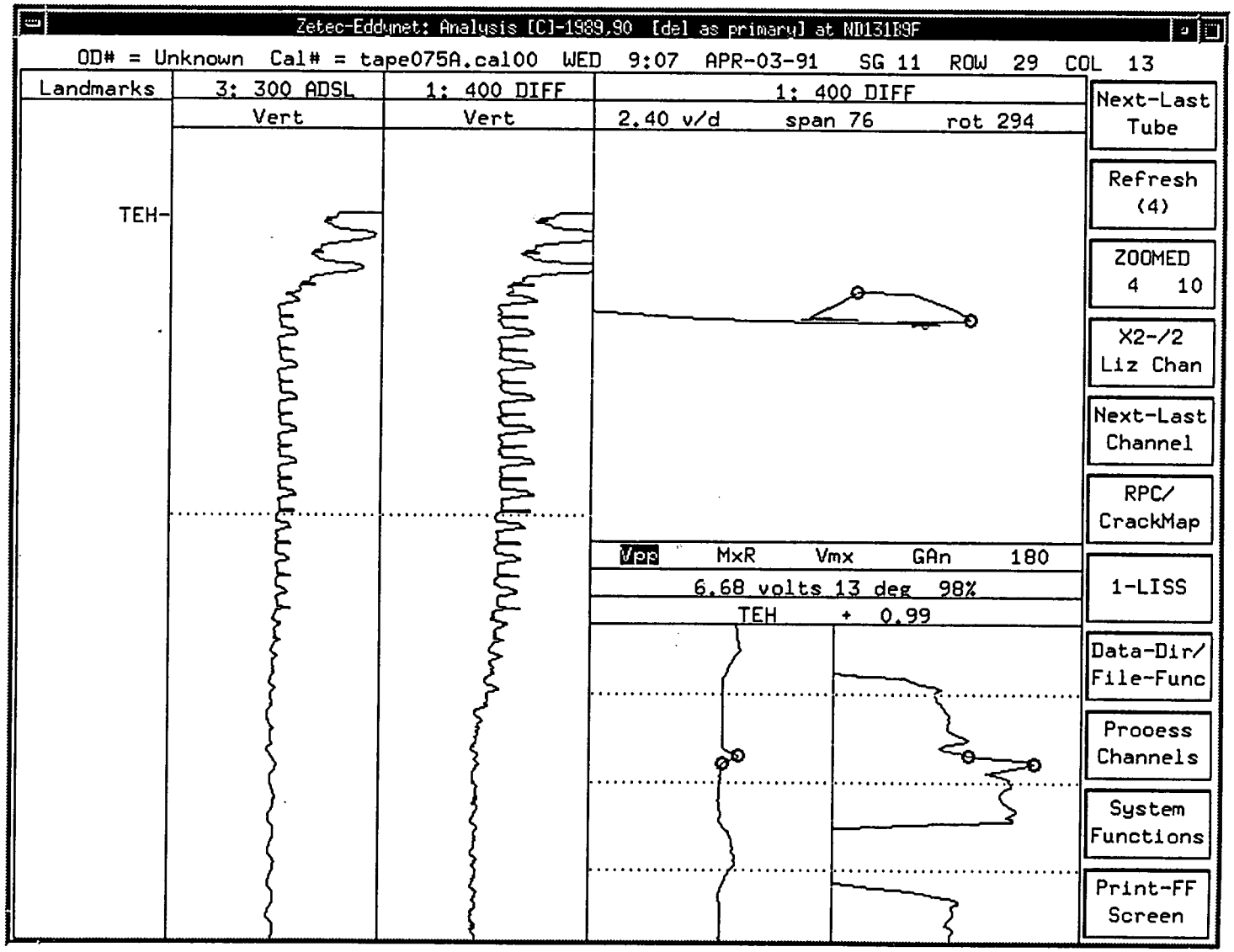
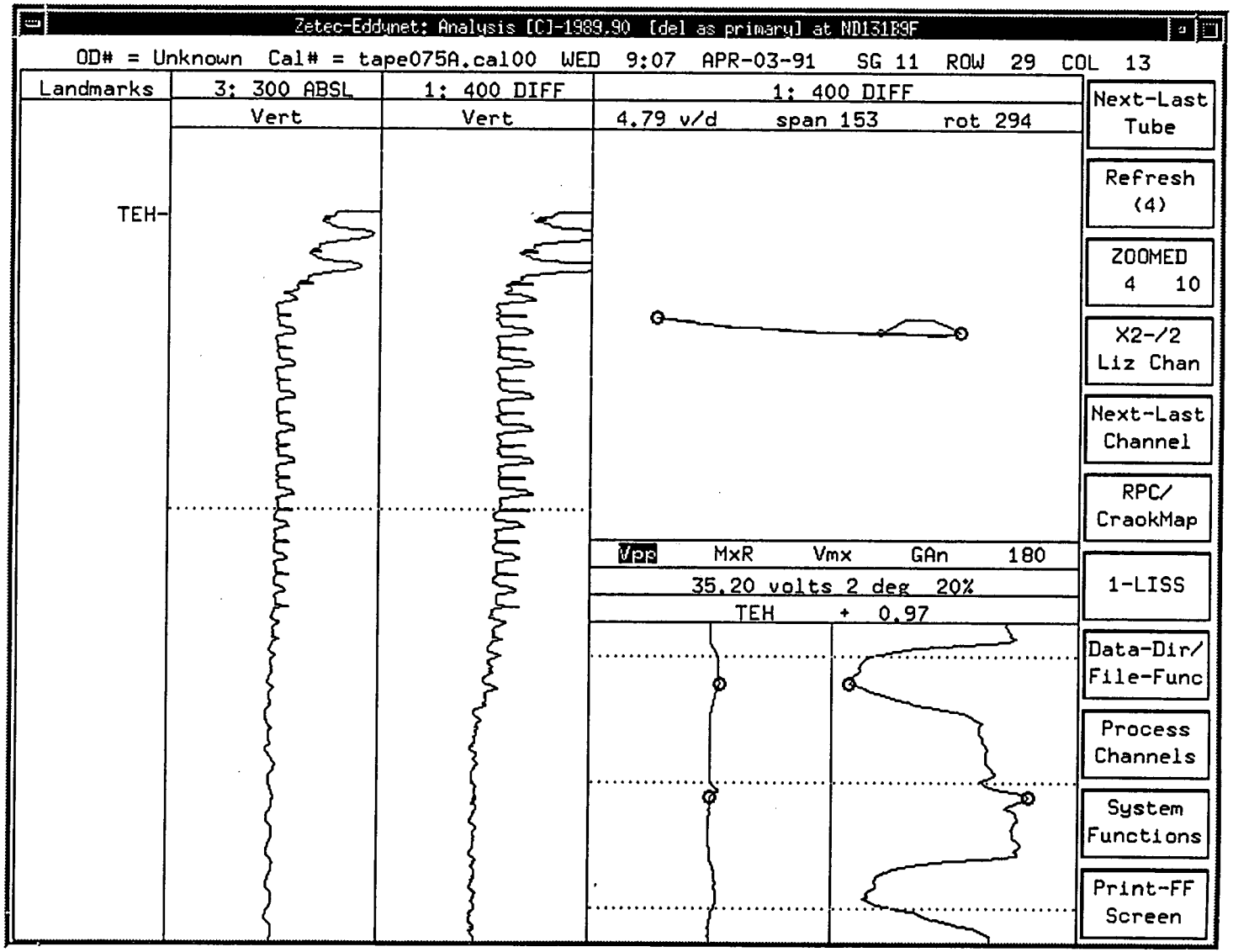
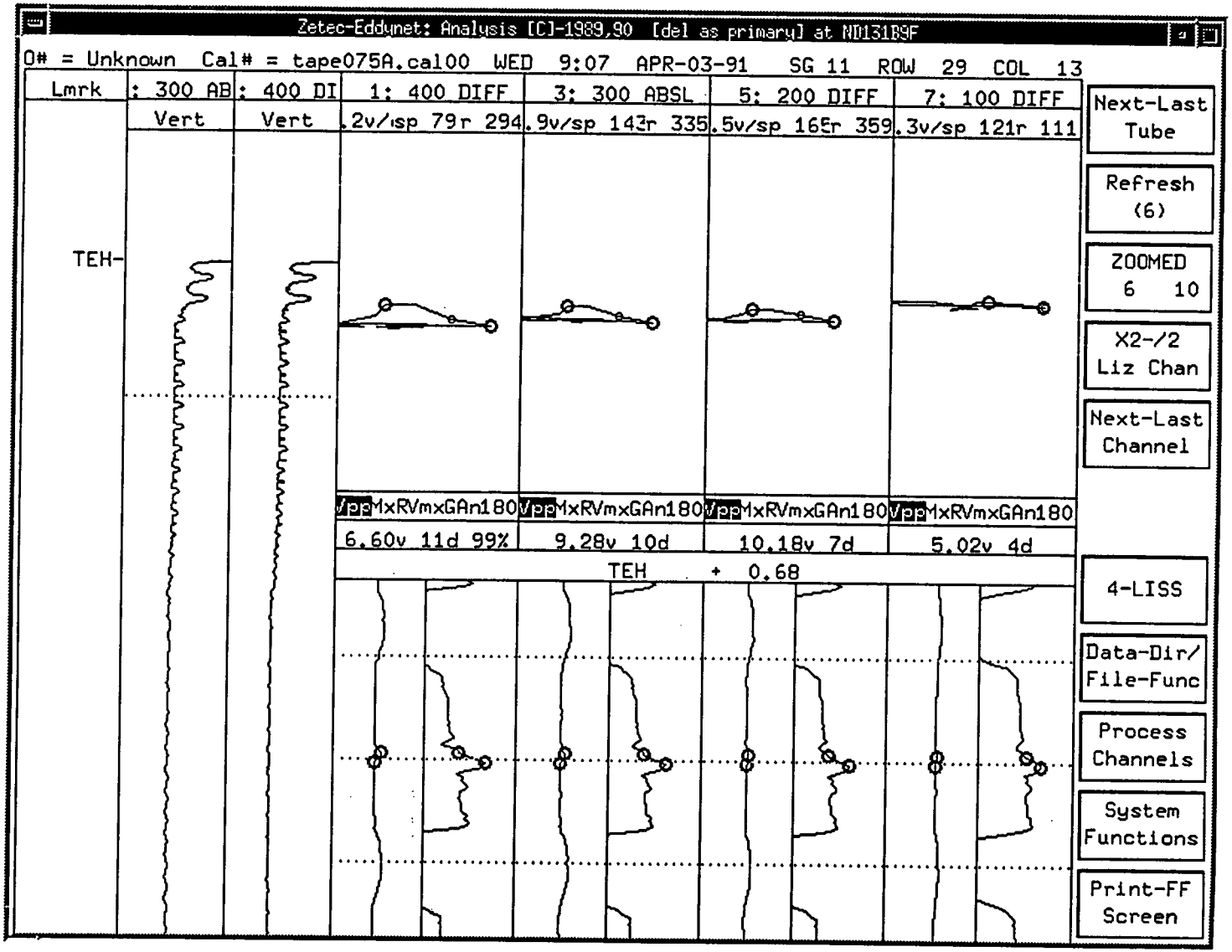
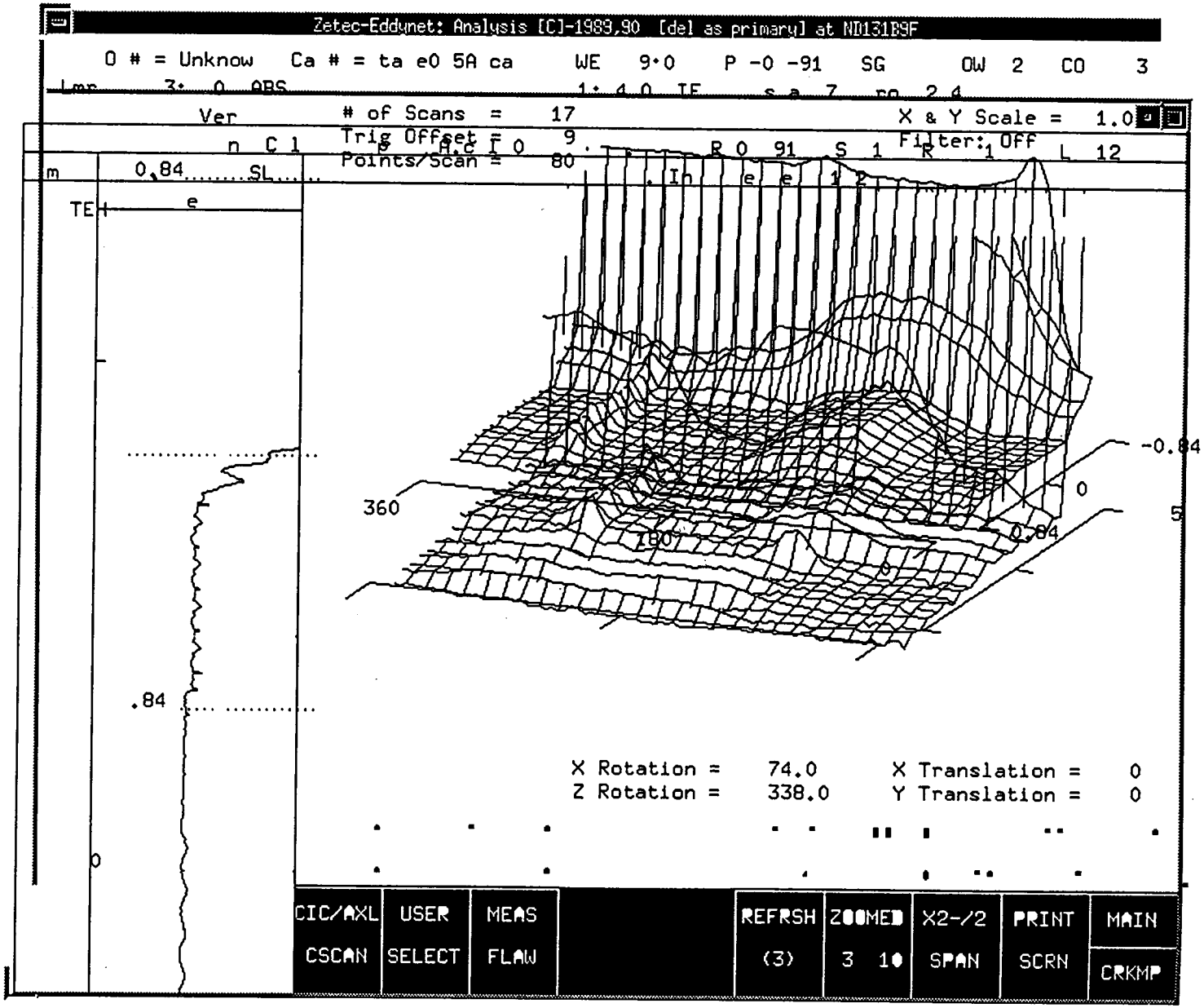
180
0
0.75
0
-0.75
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (3)
ZOOMED 3 10
X2-/2 SPAN
PRINT SCRN
MAIN CRKMP

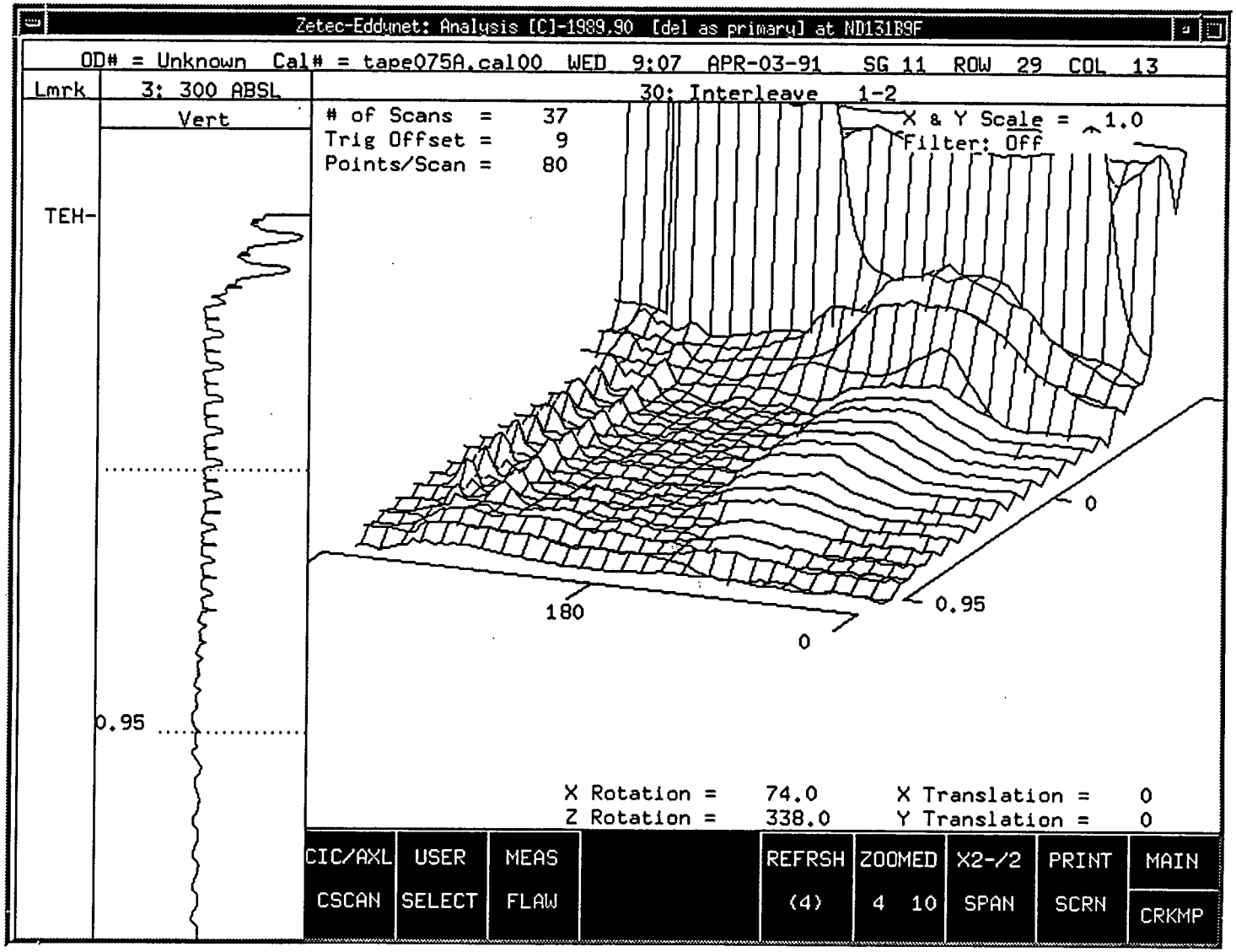

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 8:57 APR-03-91 SG 11 ROW 18 COL 12
Lmrk
3: 300 ABSL
Vert
30: Interleave 1-2
# of Scans = 23
Trig Offset = 0
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
-0.59
TEH-
0.59
360
180
0
0.59
0
-0.5
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (3)
ZOOMED 3 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

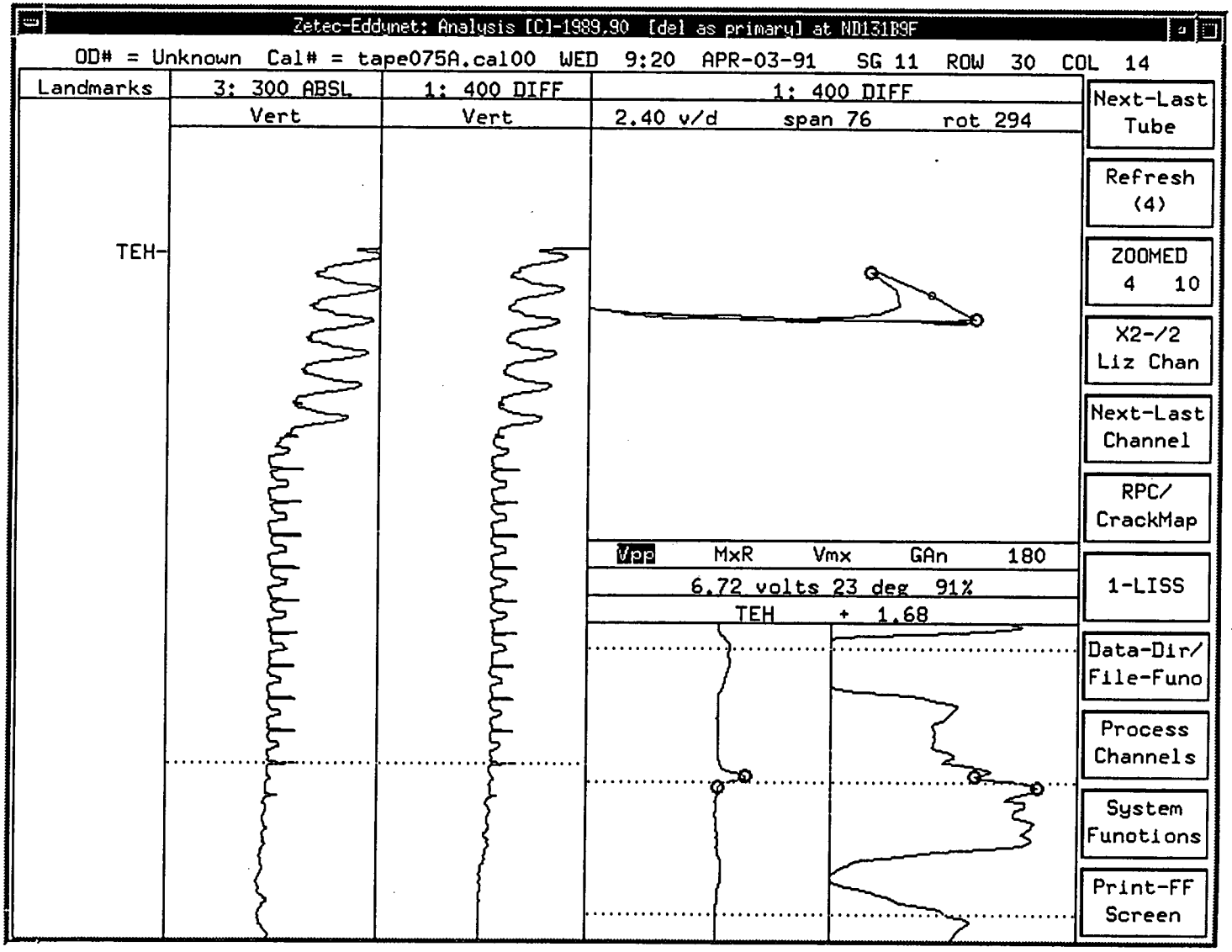

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:07 APR-03-91 SG 11 ROW 29 COL 13
Landmarks
3: 300 ADSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
2.40 v/d span 76 rot 294
TEH-
Vpp MxR Vmx GAn 180
6.68 volts 13 deg 98%
TEH + 0.99
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

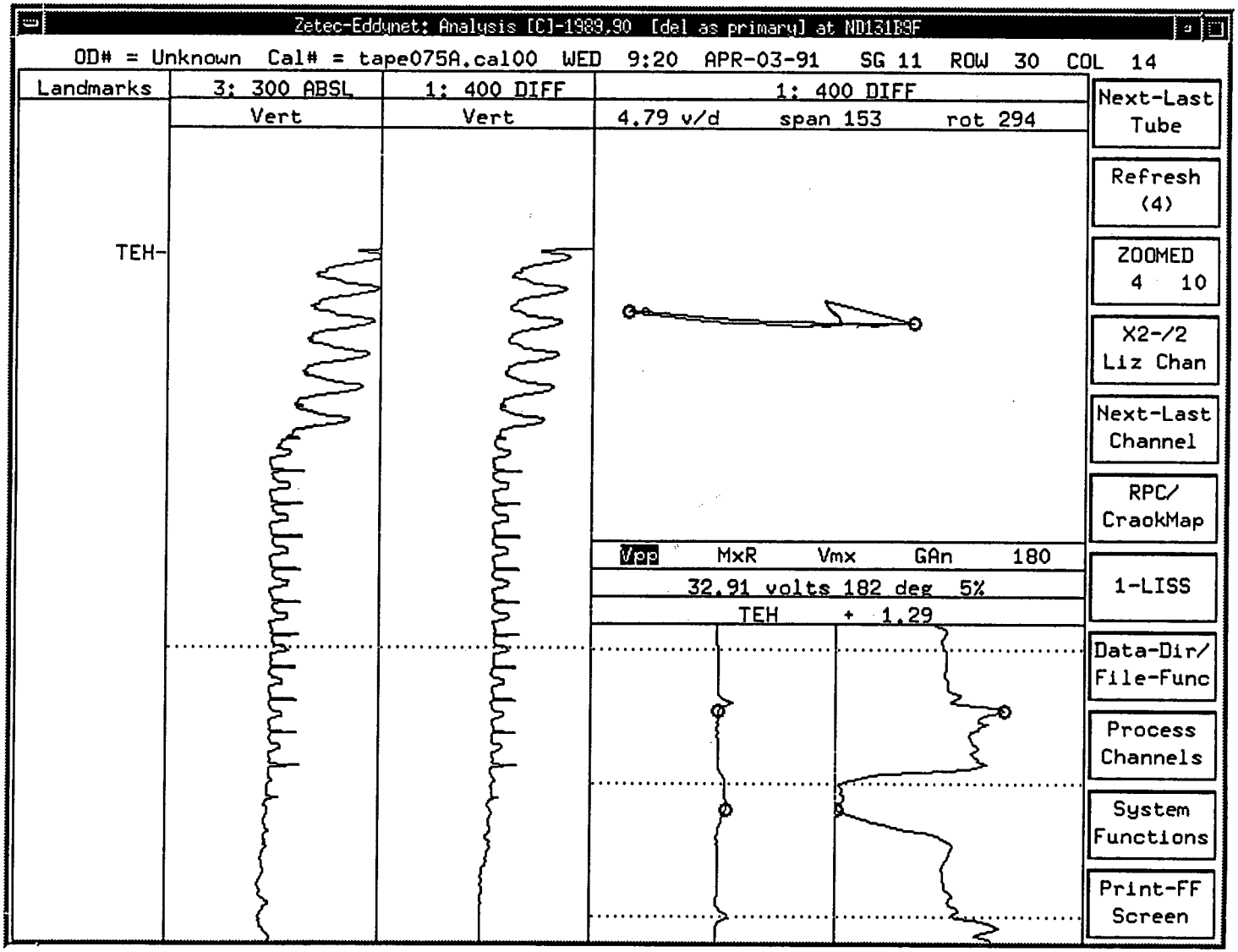

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131E9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:07 APR-03-91 SG 11 ROW 29 COL 13
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.79 v/d span 153 rot 294
TEH-
Vpp MxR Vmx GAn 180
35.20 volts 2 deg 20%
TEH + 0.97
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

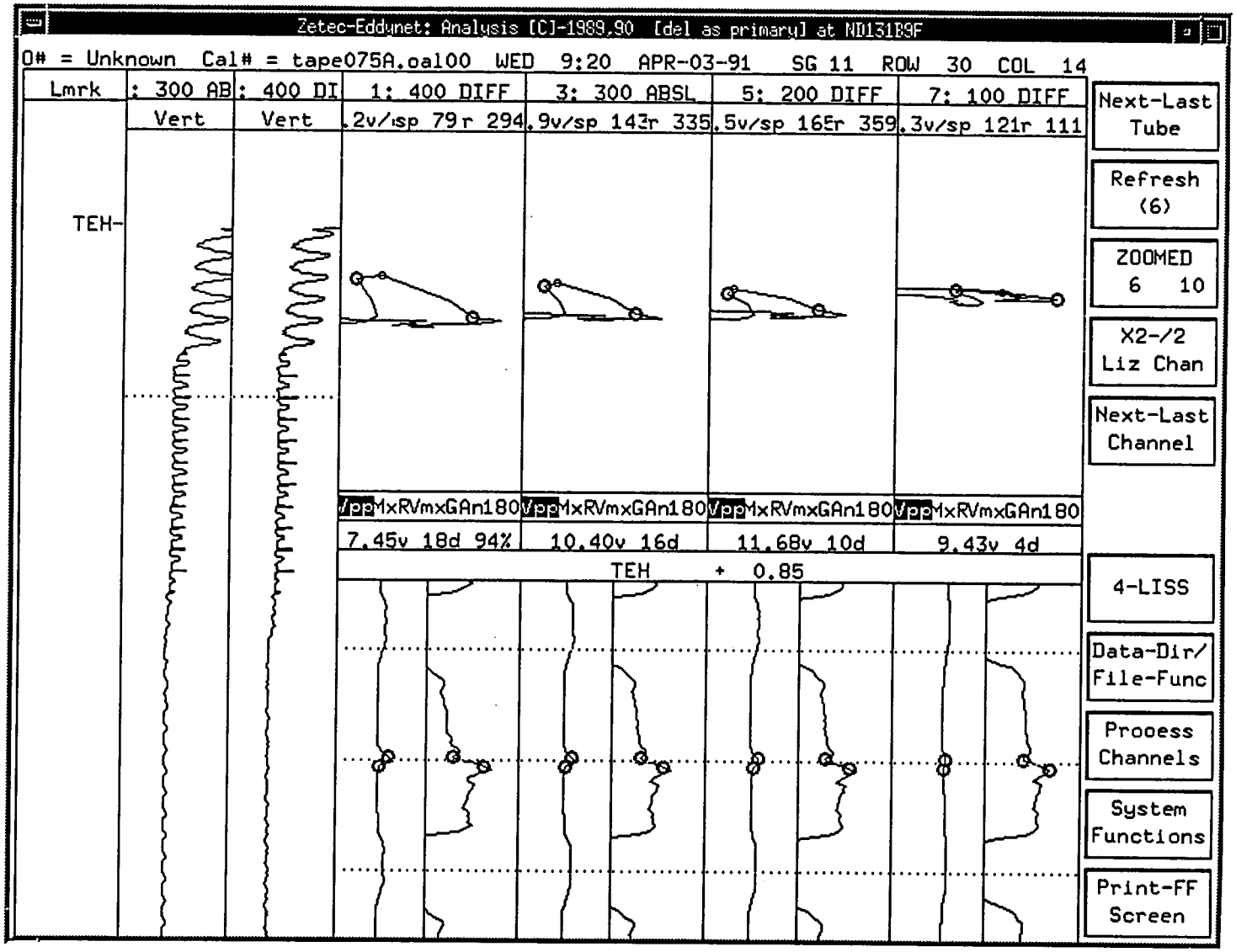

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at NM131R9F
O# = Unknown Cal# = tape075A.cal00 WED 9:07 APR-03-91 SG 11 ROW 29 COL 13
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.2v/sp 79r 294
.9v/sp 143r 335
.5v/sp 165r 359
.3v/sp 121r 111
TEH-
Vpp MxR Vmx GAn 180
Vpp MxR Vmx GAn 180
Vpp MxR Vmx GAn 180
Vpp MxR Vmx GAn 180
6.60v 11d 99%
9.28v 10d
10.18v 7d
5.02v 4d
TEH + 0.68
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

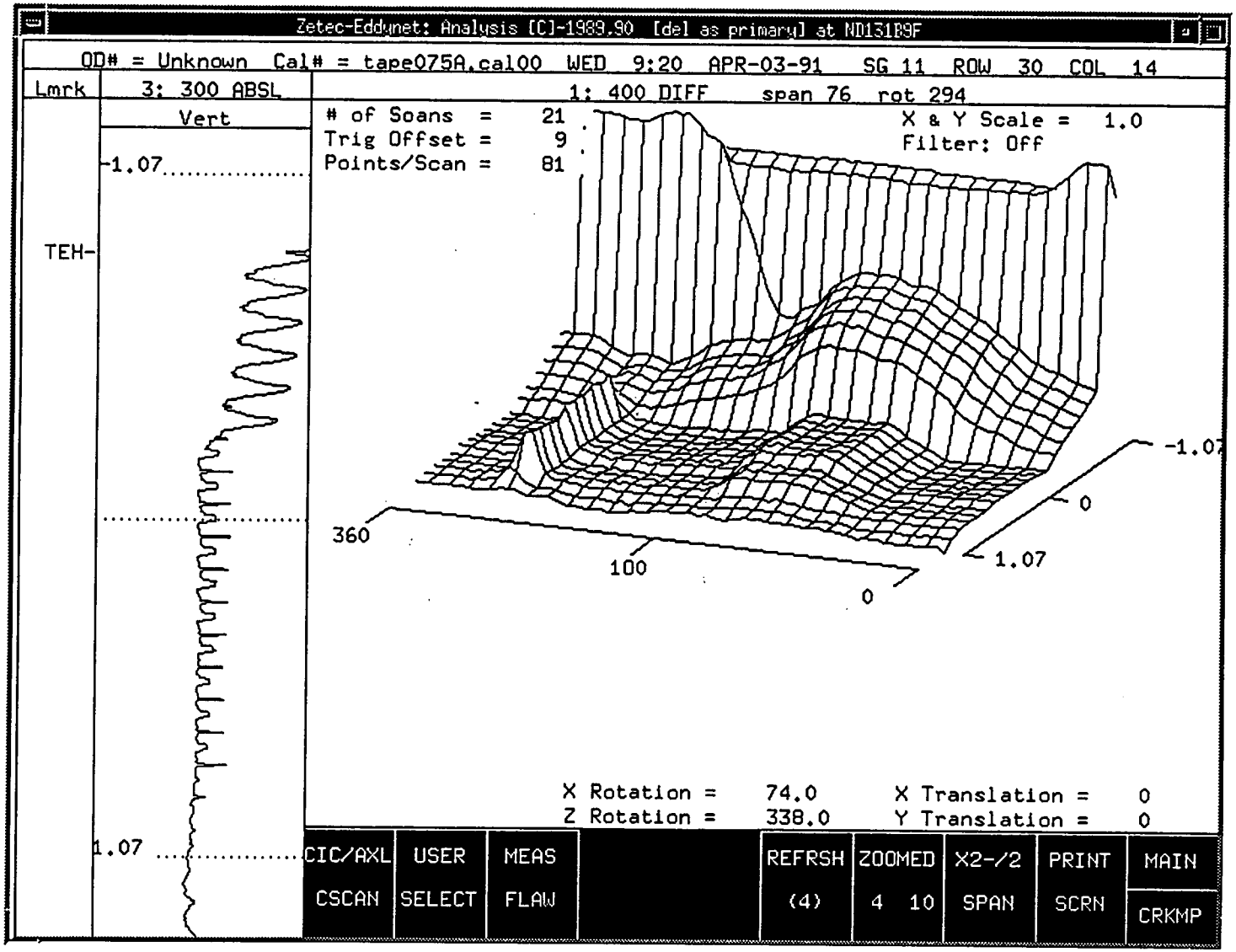

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
# of Scans = 17
Trig Offset = 9
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
0.84
SL
TE
.84
0
360
180
-0.84
0
0.84
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (3)
ZOOMED 3 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

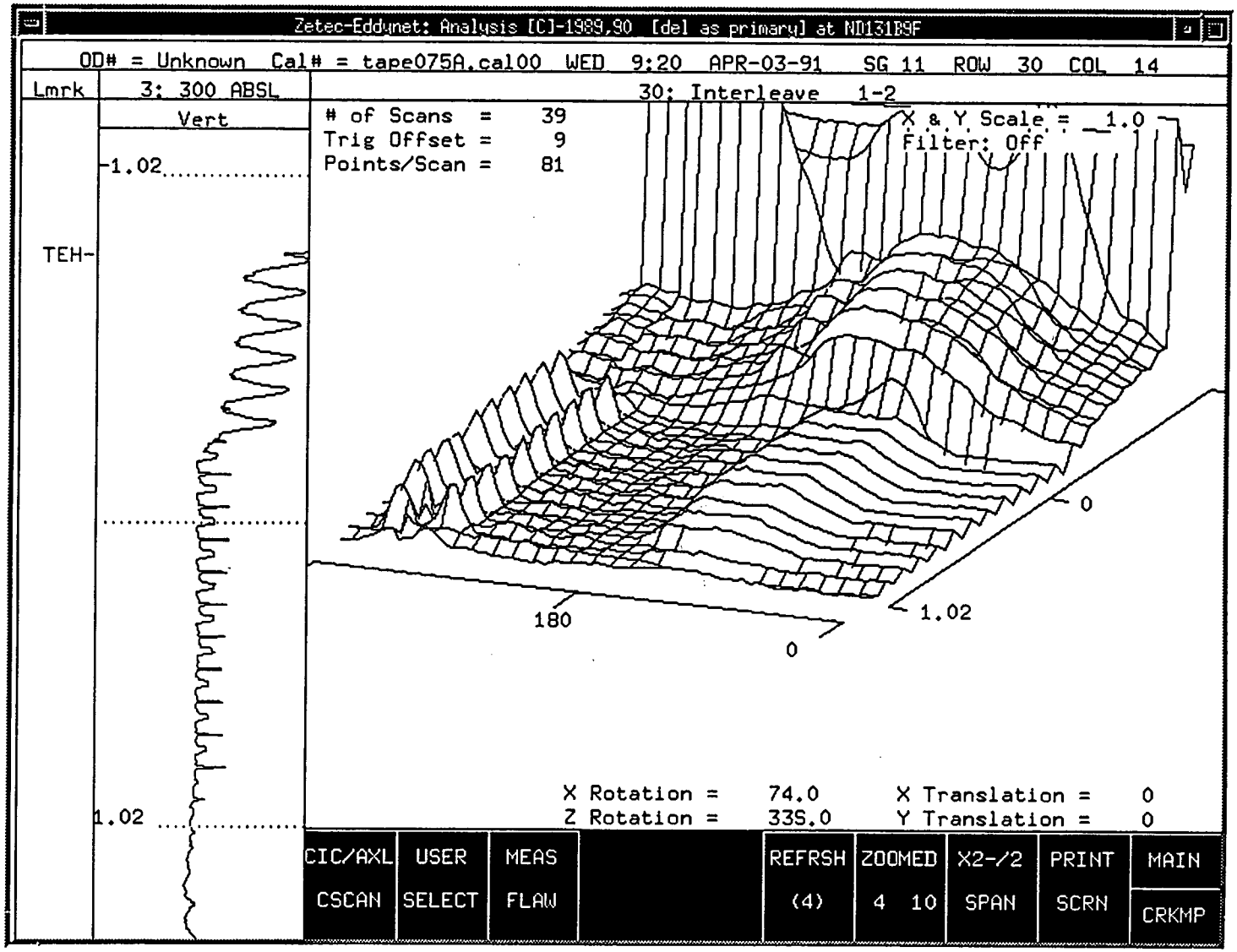

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:07 APR-03-91 SG 11 ROW 29 COL 13
Lmrk
3: 300 ABSL
30: Interleave 1-2
Vert
# of Scans = 37
Trig Offset = 9
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
TEH-
0.95
180
0
0.95
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (4)
ZOOMED 4 10
X2-/2 SPAN
PRINT SCRN
MAIN CRKMP

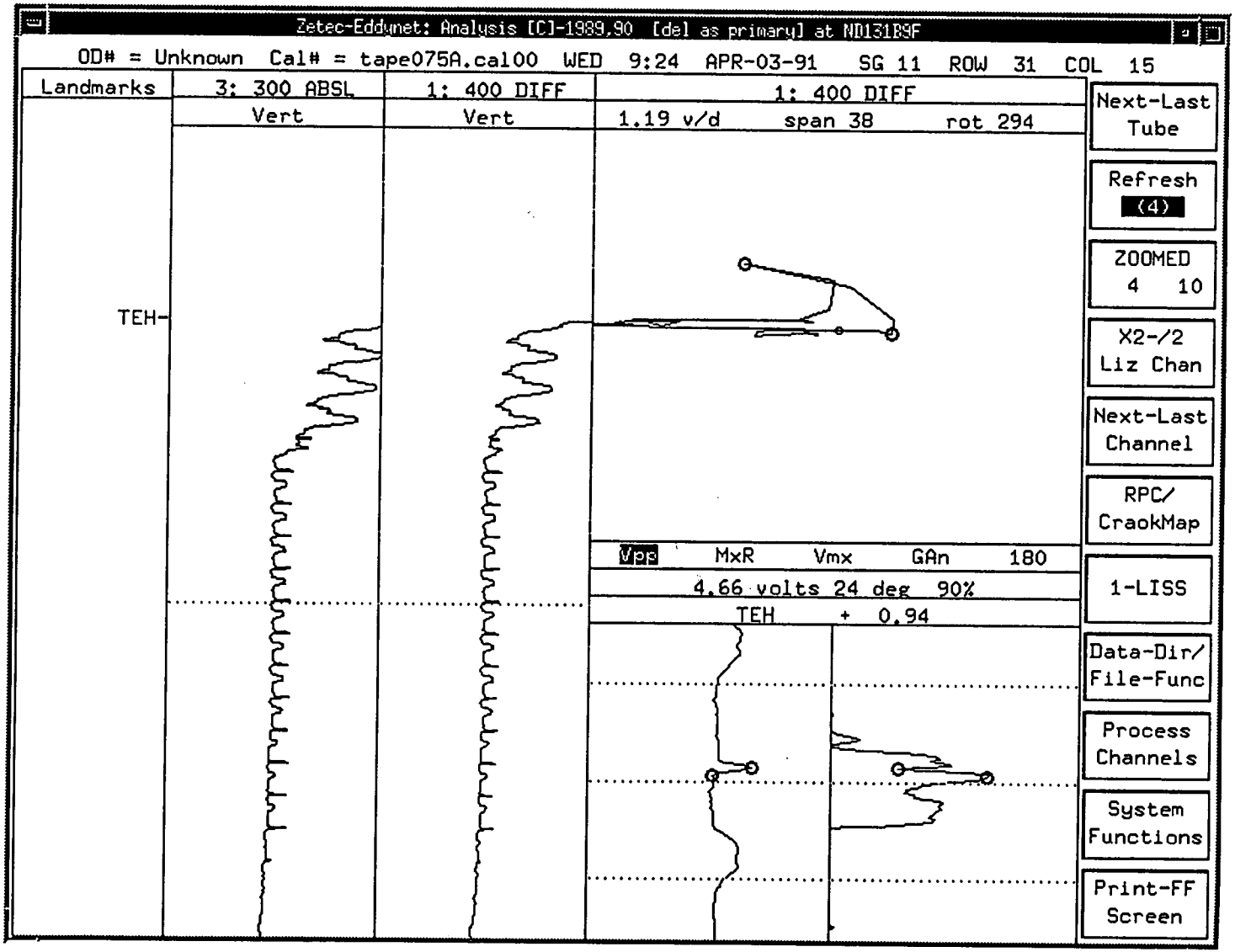

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:20 APR-03-91 SG 11 ROW 30 COL 14
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
2.40 v/d span 76 rot 294
TEH-
Vpp MxR Vmx GAn 180
6.72 volts 23 deg 91%
TEH + 1.68
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Funotions
Print-FF Screen

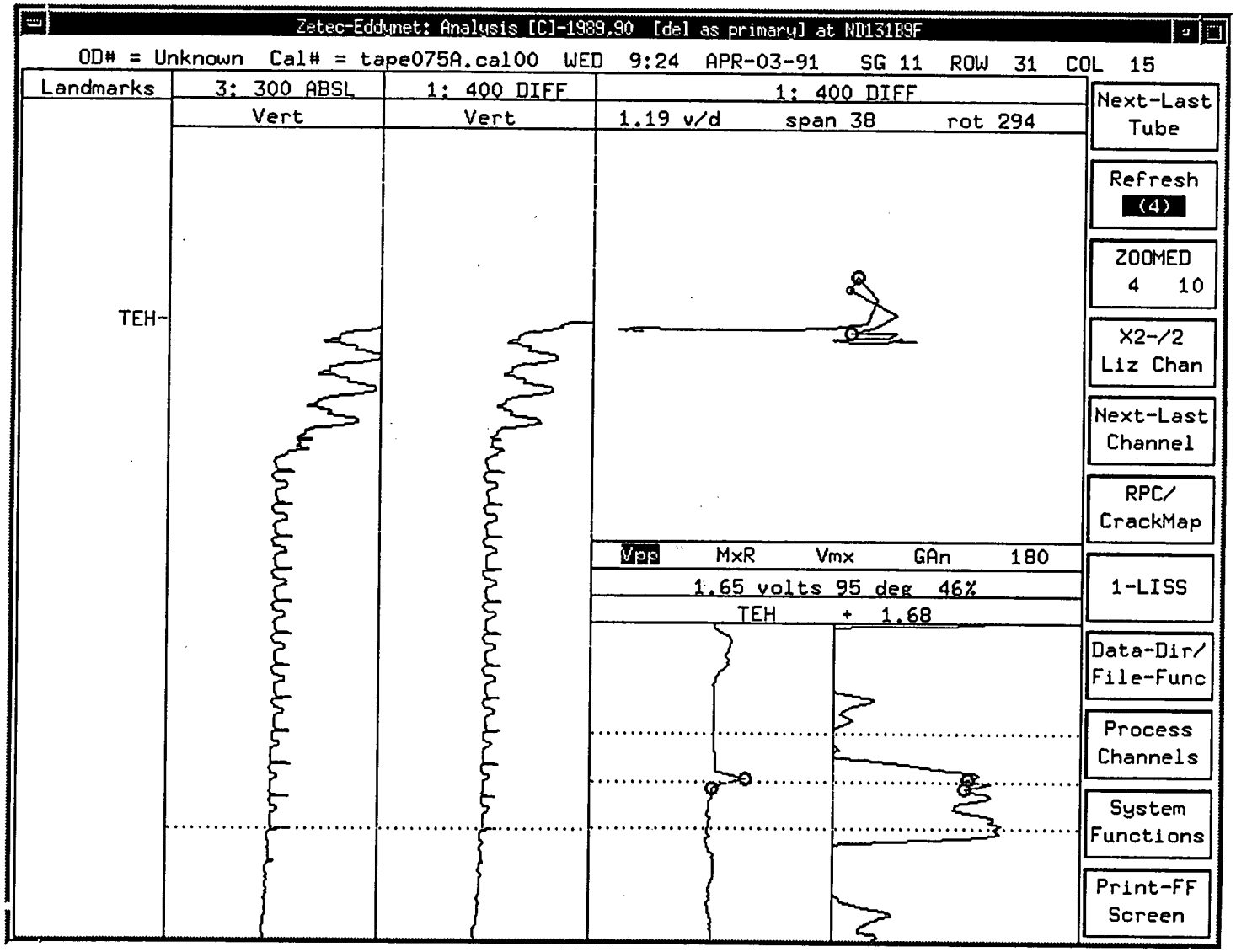

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B8F
OD# = Unknown Cal# = tape075A.cal00 WED 9:20 APR-03-91 SG 11 ROW 30 COL 14
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.79 v/d span 153 rot 294
TEH-
Vpp MxR Vmx GAn 180
32.91 volts 182 deg 5%
TEH + 1.29
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

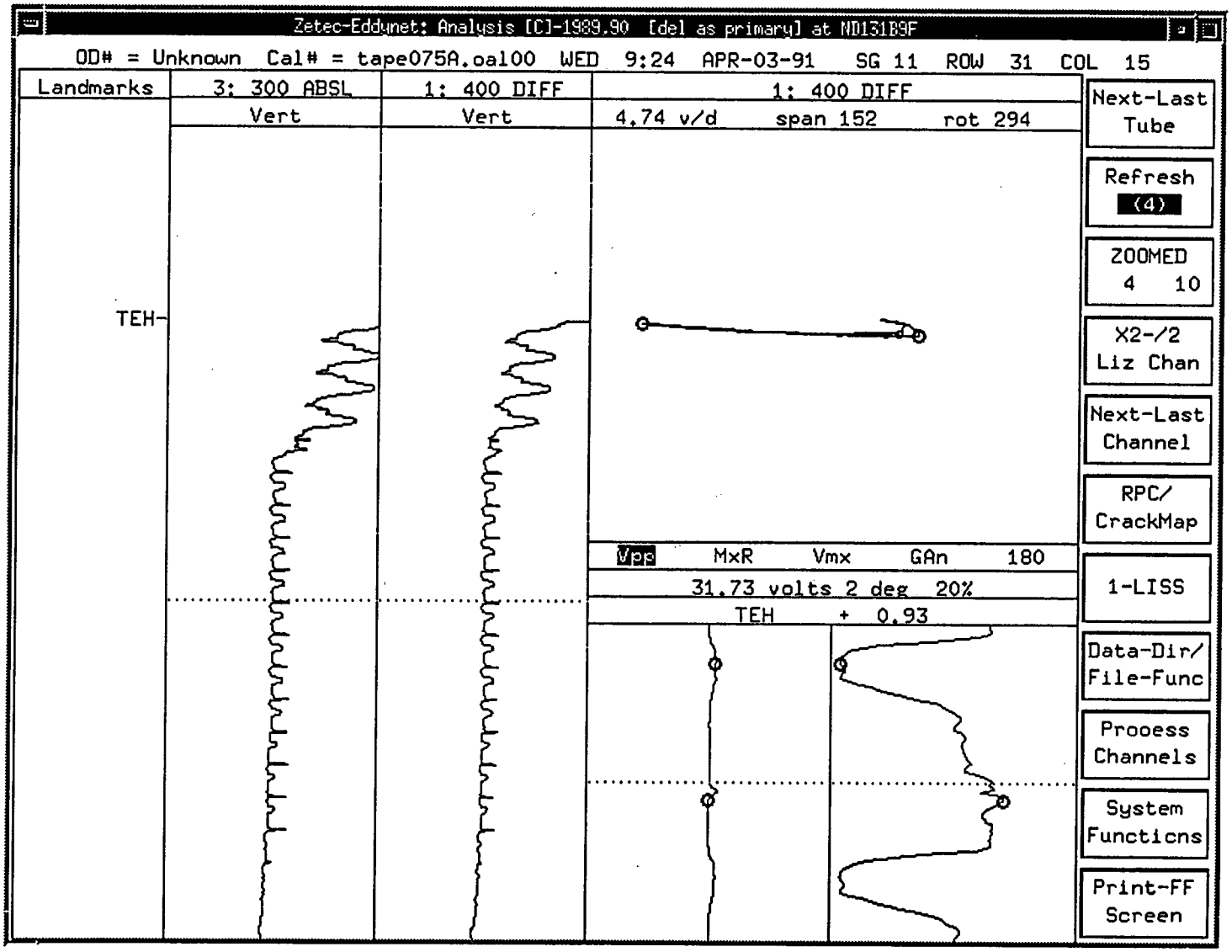

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
O# = Unknown Cal# = tape075A.oal00 WED 9:20 APR-03-91 SG 11 ROW 30 COL 14
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.2v/sp 79r 294
.9v/sp 143r 335
.5v/sp 165r 359
.3v/sp 121r 111
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
7.45v 18d 94%
10.40v 16d
11.68v 10d
9.43v 4d
TEH + 0.85
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
4-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

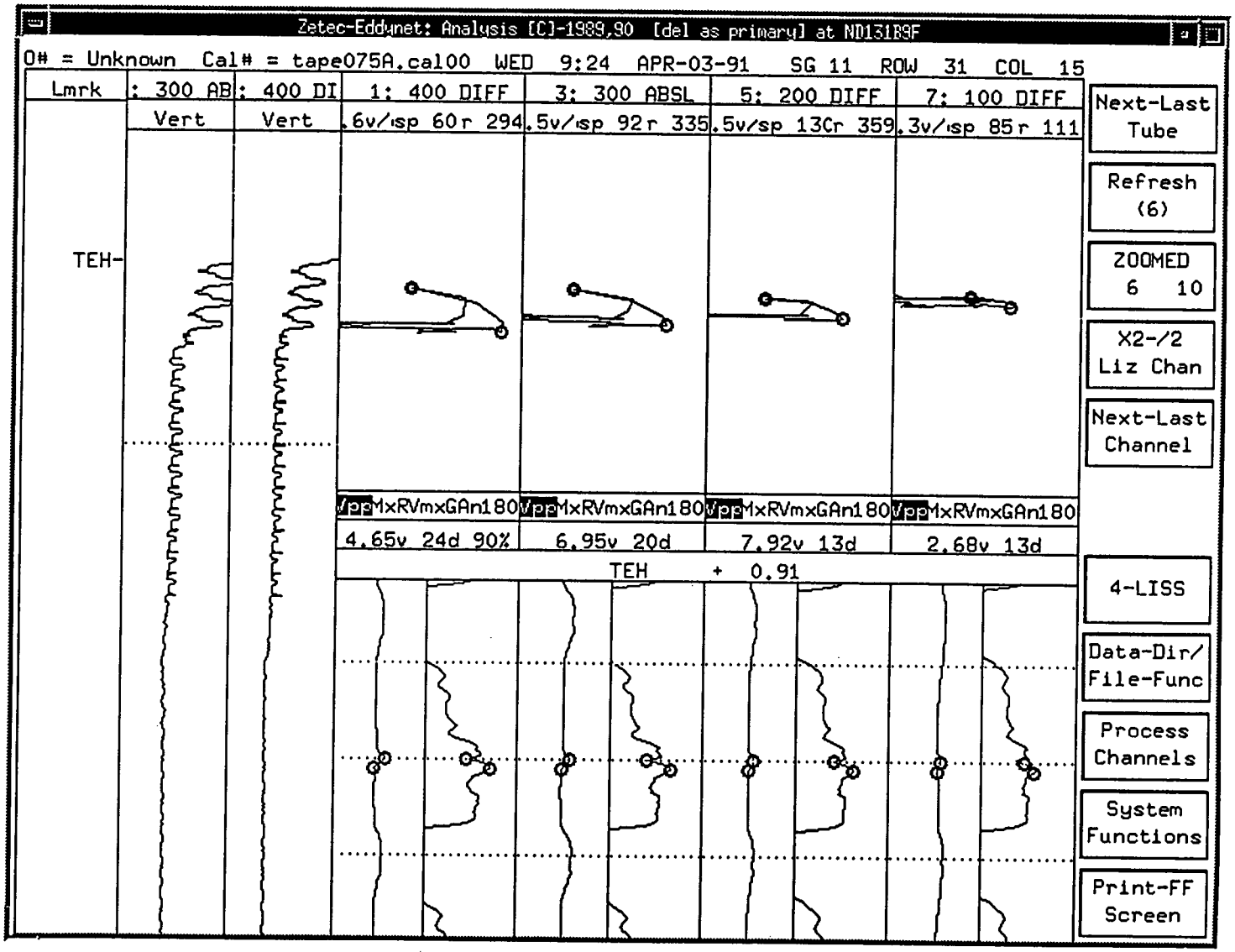

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:20 APR-03-91 SG 11 ROW 30 COL 14
Lmrk
3: 300 ABSL
Vert
1: 400 DIFF span 76 rot 294
# of Scans = 21
Trig Offset = 9
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
-1.07
TEH-
1.07
360
100
0
0
1.07
-1.07
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(4)
ZOOMED
4 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

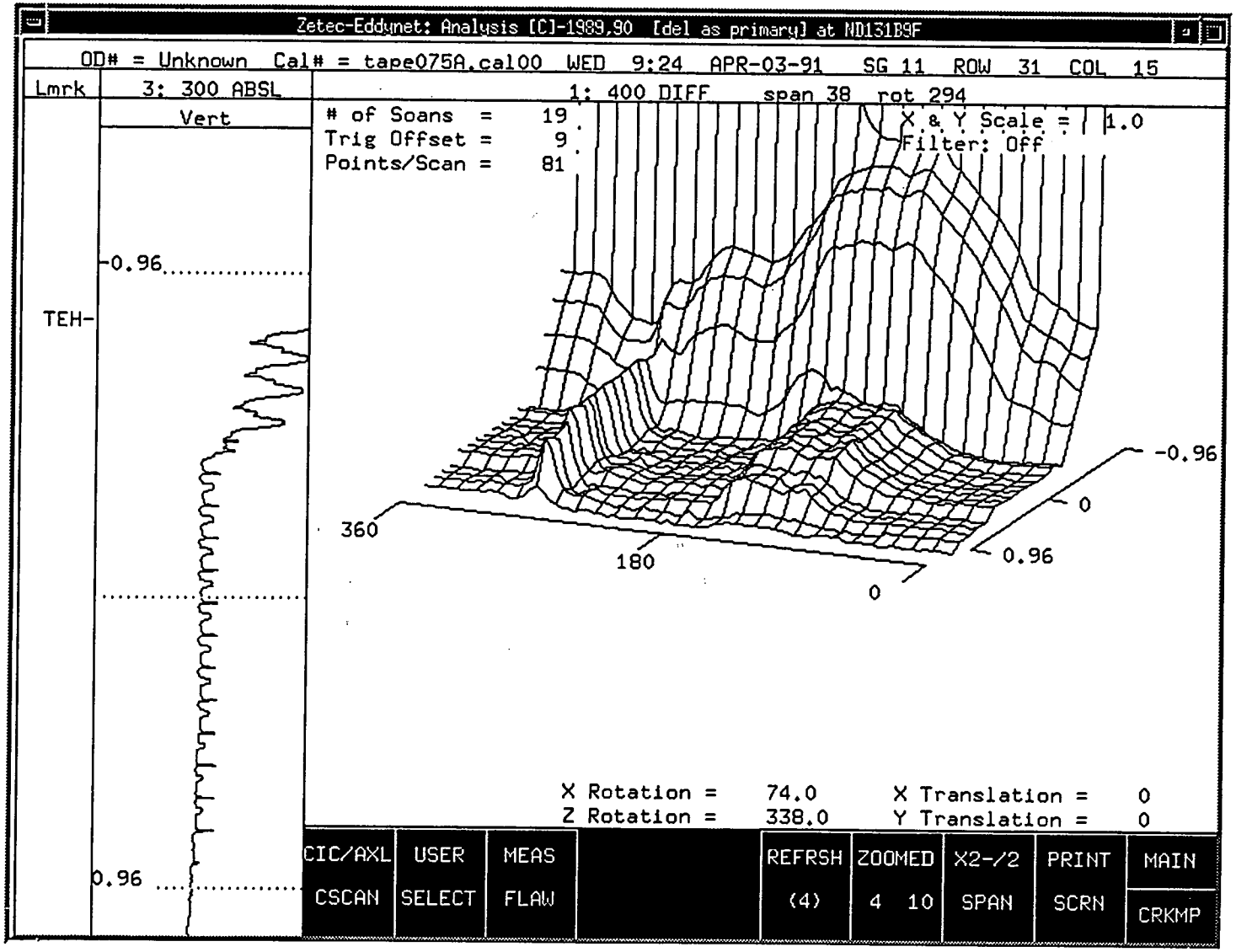

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B3F
OD# = Unknown Cal# = tape075A.cal00 WED 9:20 APR-03-91 SG 11 ROW 30 COL 14
Lmrk
3: 300 ABSL
Vert
1.02
TEH-
1.02
30: Interleave 1-2
# of Scans = 39
Trig Offset = 9
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
180
0
0
1.02
X Rotation = 74.0
Z Rotation = 335.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (4)
ZOOMED 4 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

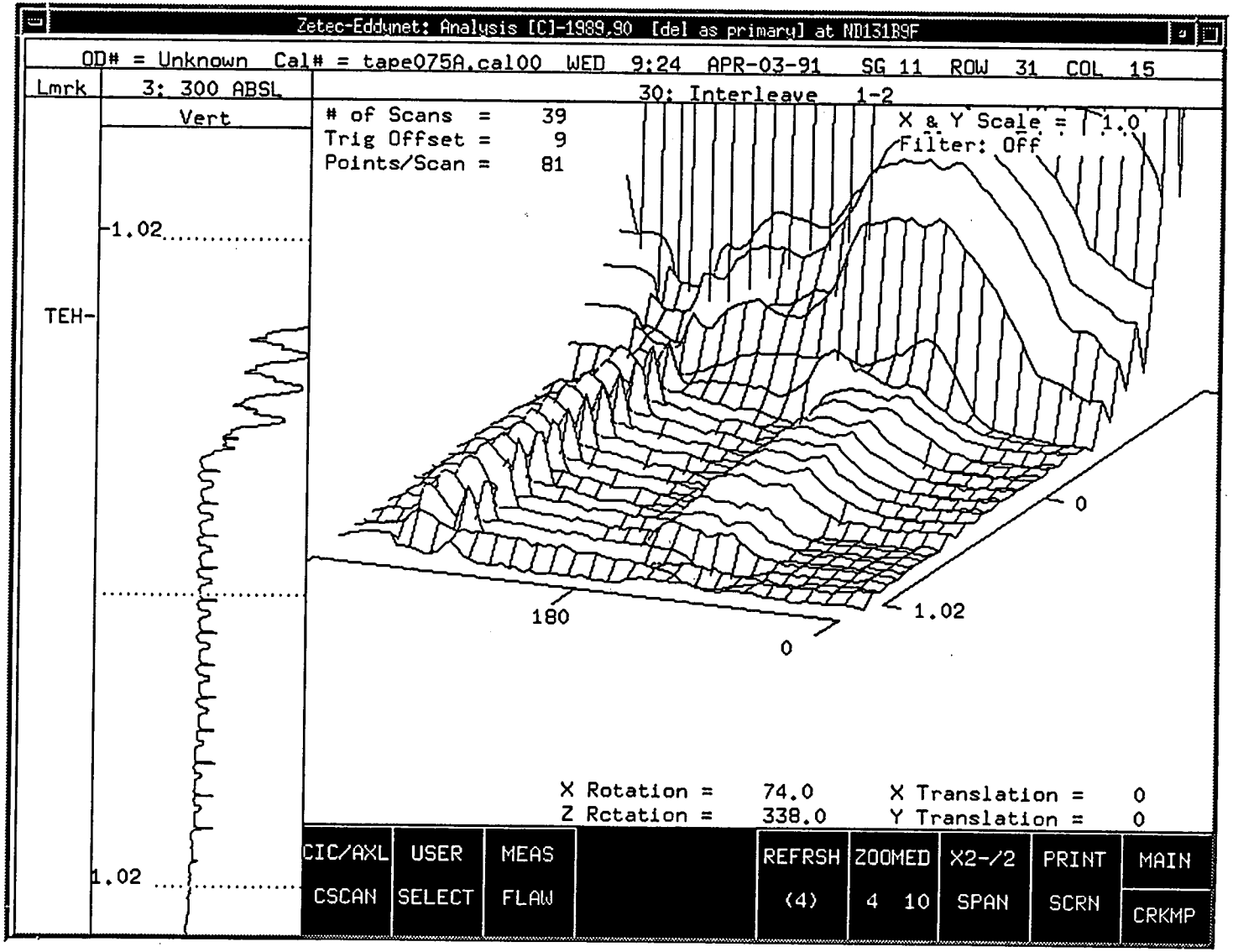

Zetec-Eddynet: Analysis [C]-1989,90 [de] as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:24 APR-03-91 SG 11 ROW 31 COL 15
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.19 v/d span 38 rot 294
TEH-
Vps MxR Vmx GAn 180
4.66 volts 24 deg 90%
TEH + 0.94
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

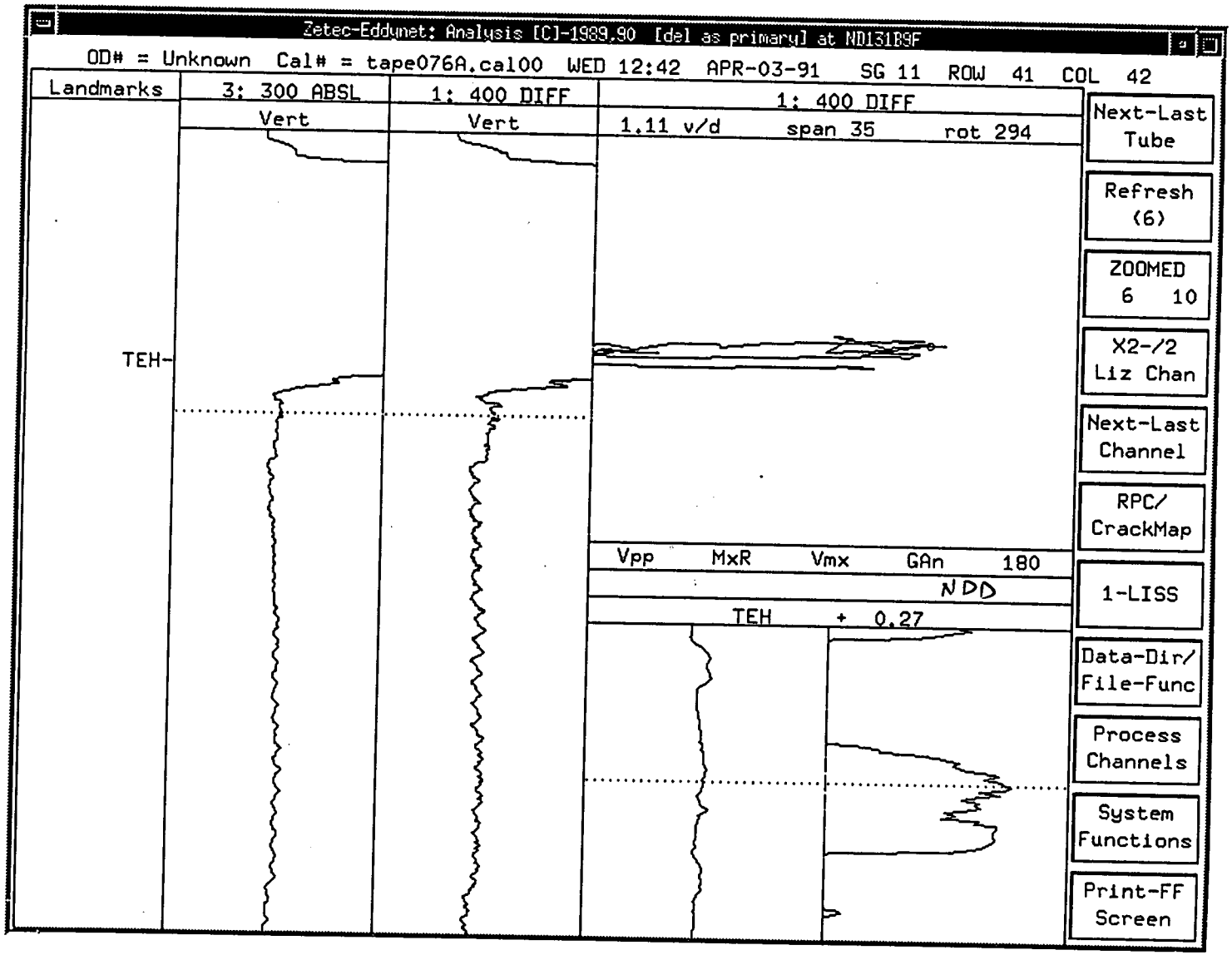

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:24 APR-03-91 SG 11 ROW 31 COL 15
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.19 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
1.65 volts 95 deg 46%
TEH + 1.68
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

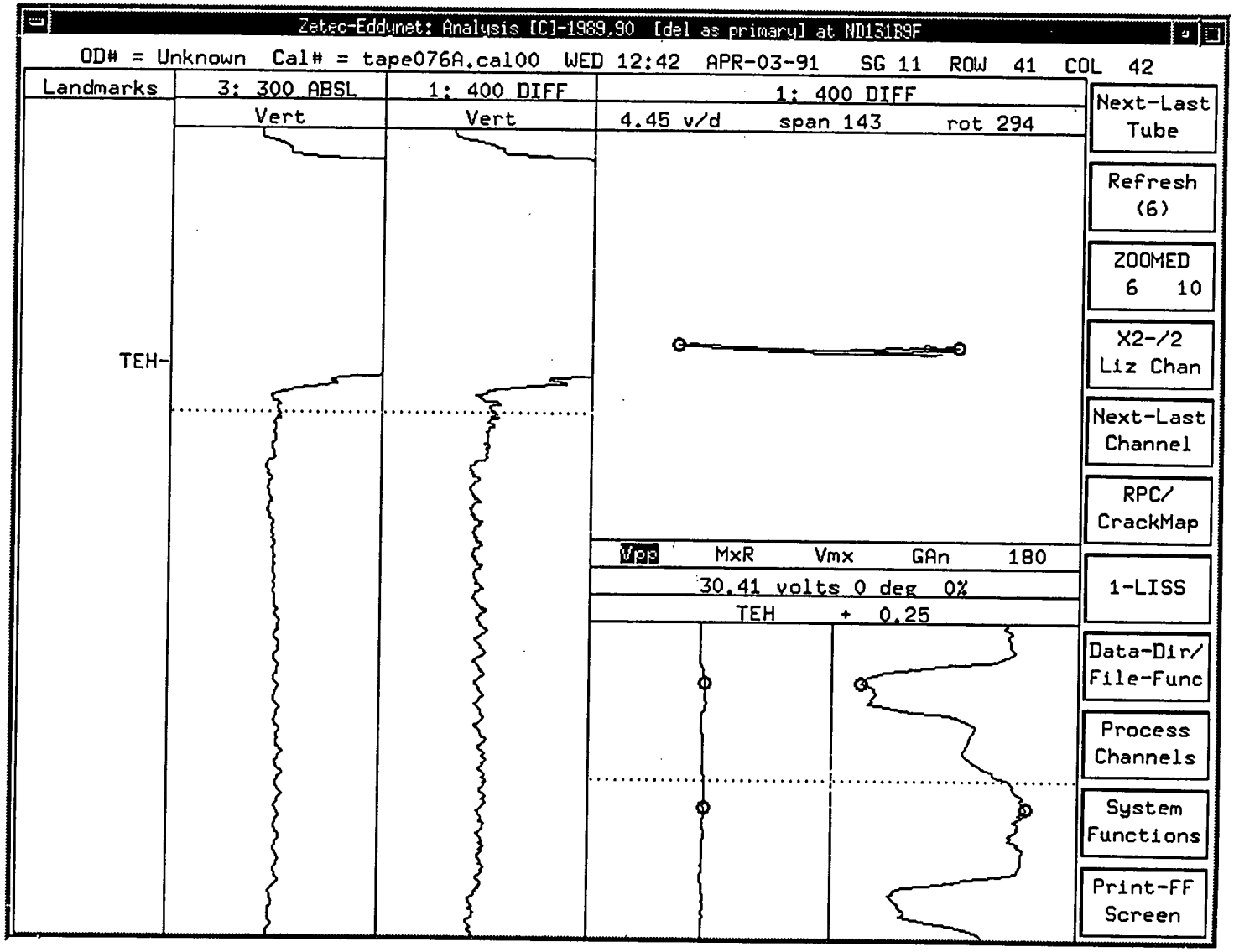

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.oal00 WED 9:24 APR-03-91 SG 11 ROW 31 COL 15
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.74 v/d span 152 rot 294
TEH-
Vpp MxR Vmx GAn 180
31.73 volts 2 deg 20%
TEH + 0.93
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functicns
Print-FF Screen

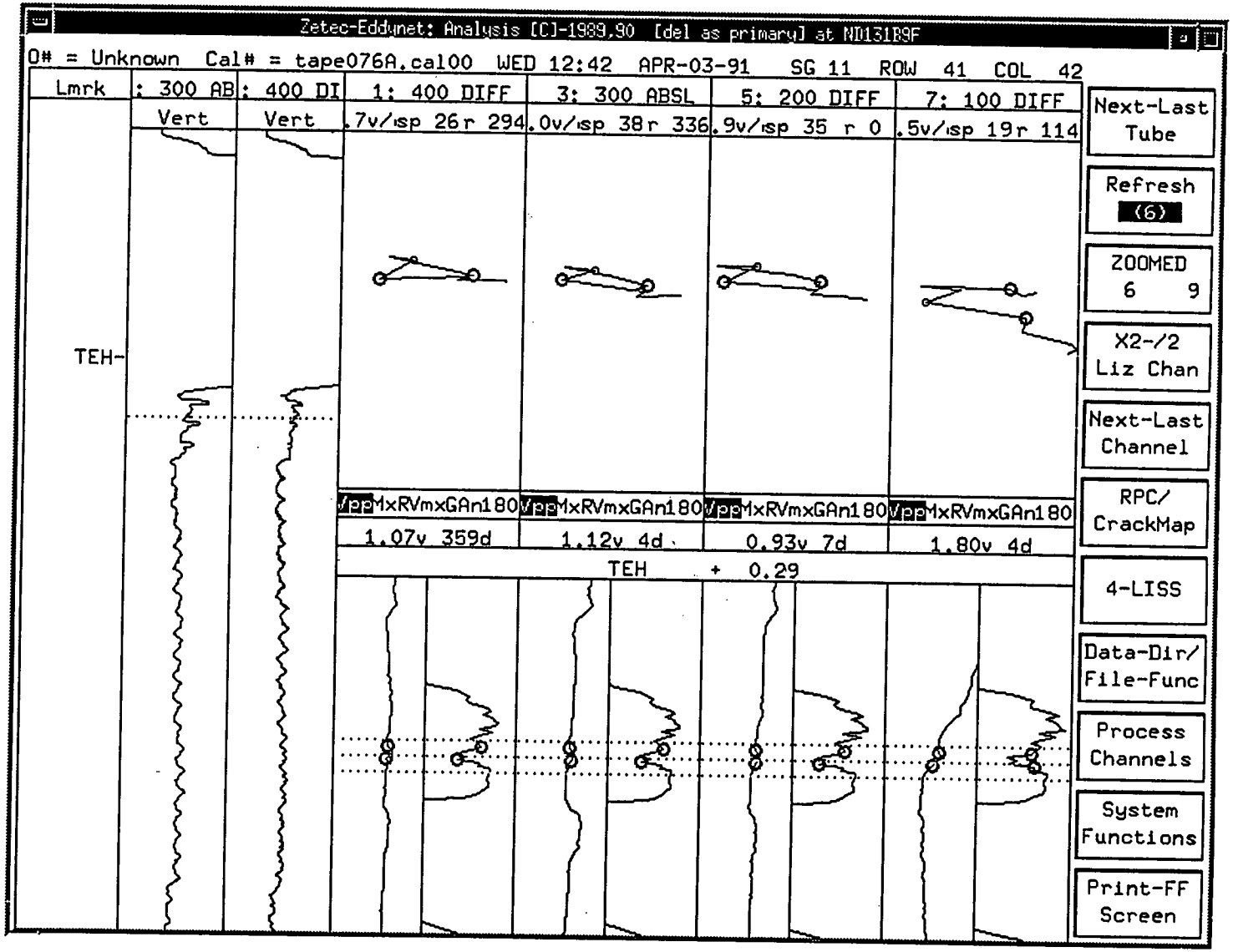

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
O# = Unknown Cal# = tape075A.cal00 WED 9:24 APR-03-91 SG 11 ROW 31 COL 15
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.6v/sp 60r 294
.5v/sp 92r 335
.5v/sp 13Cr 359
.3v/sp 85r 111
TEH-
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
4.65v 24d 90%
6.95v 20d
7.92v 13d
2.68v 13d
TEH + 0.91
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

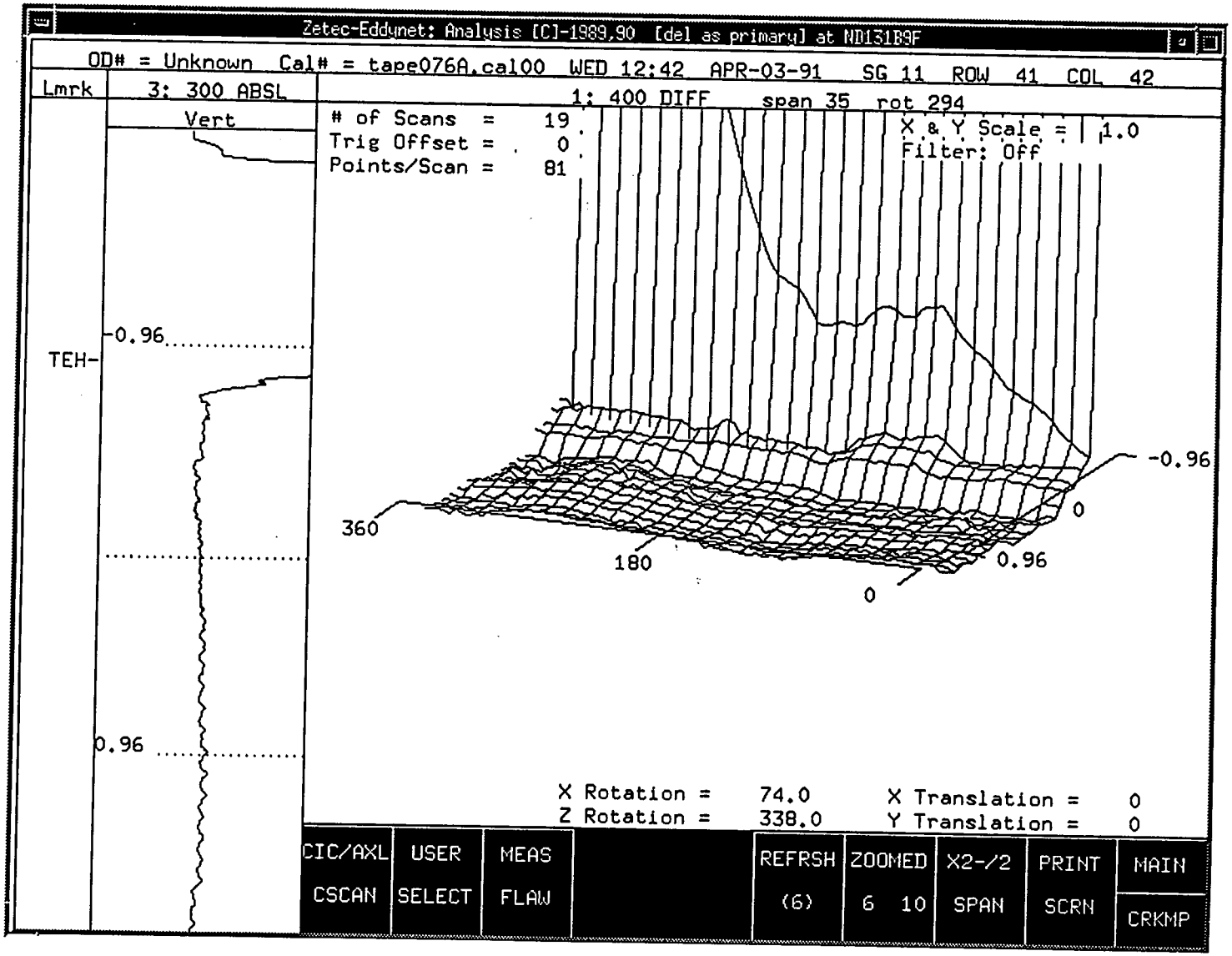

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:24 APR-03-91 SG 11 ROW 31 COL 15
Lmrk
3: 300 ABSL
Vert
1: 400 DIFF span 38 rot 294
# of Soans = 19
Trig Offset = 9
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
-0.96
TEH-
0.96
360
180
0
0
0.96
-0.96
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (4)
ZOOMED 4 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

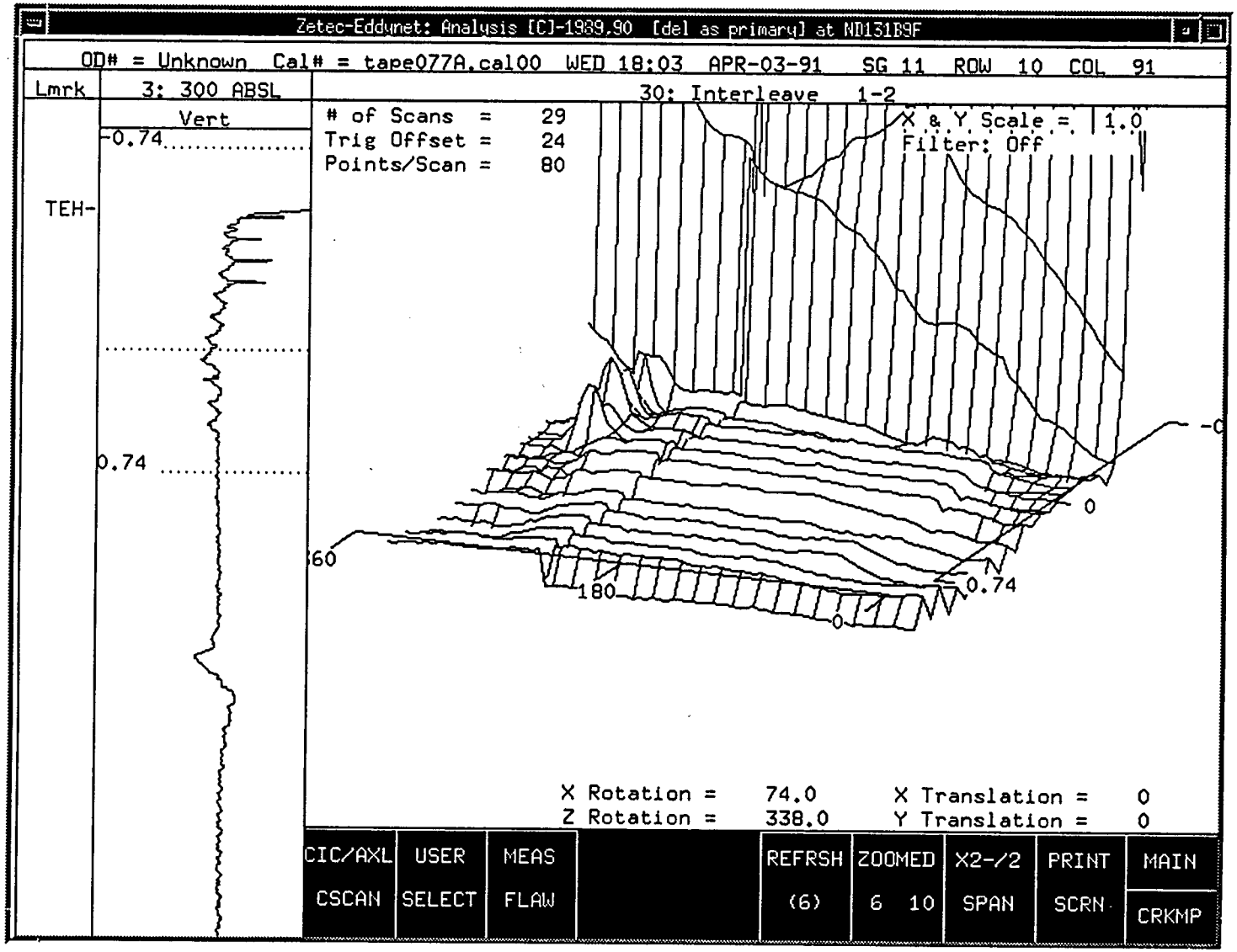

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:24 APR-03-91 SG 11 ROW 31 COL 15
Lmrk
3: 300 ABSL
30: Interleave 1-2
Vert
# of Scans = 39
Trig Offset = 9
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
1.02
TEH-
1.02
180
0
0
1.02
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (4)
ZOOMED 4 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

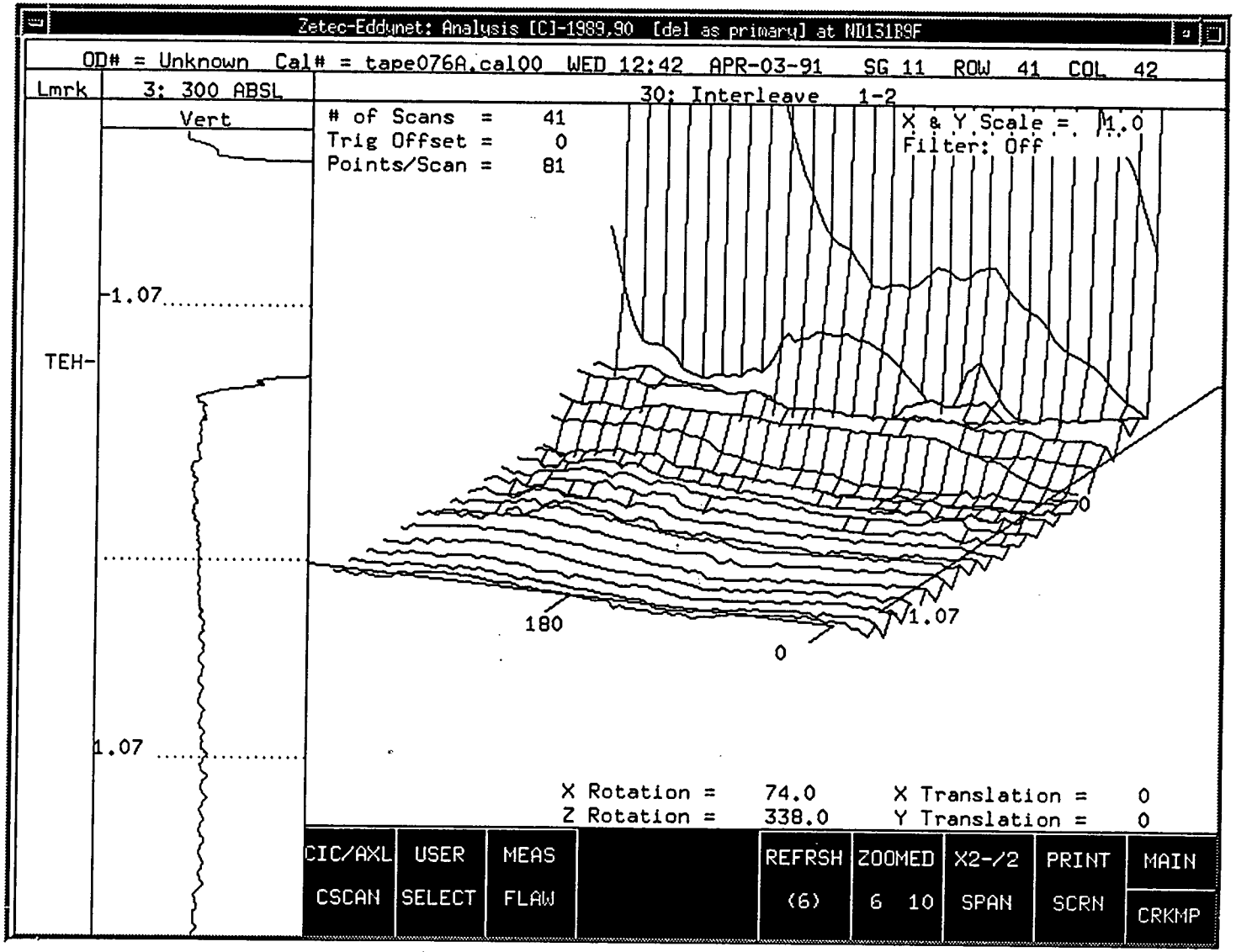

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at N0131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:42 APR-03-91 SG 11 ROW 41 COL 42
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.11 v/d span 35 rot 294
TEH-
Vpp MxR Vmx GAn 180
NDD
TEH + 0.27
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

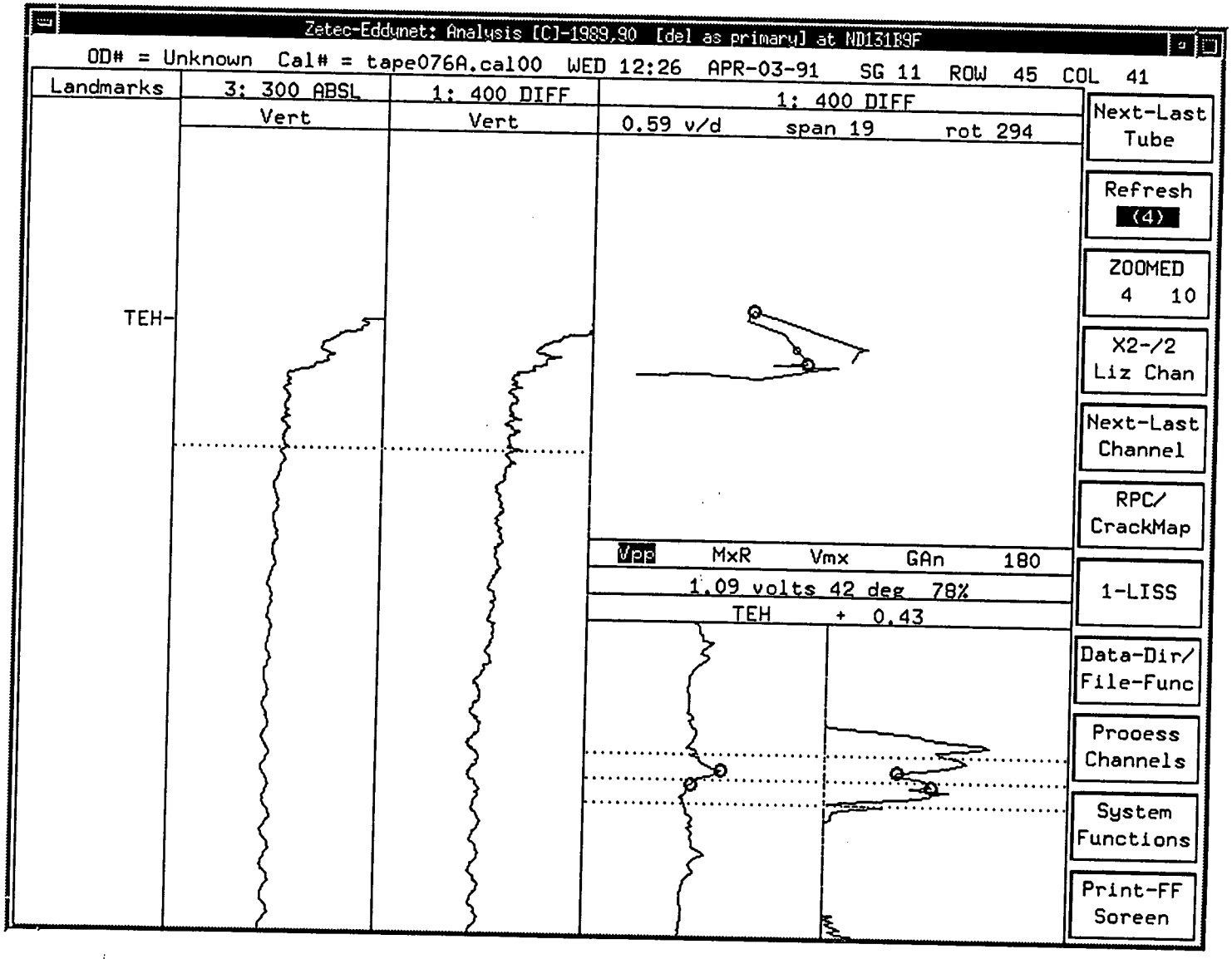

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND13189F
OD# = Unknown Cal# = tape076A.cal00 WED 12:42 APR-03-91 SG 11 ROW 41 COL 42
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.45 v/d span 143 rot 294
TEH-
Vpp MxR Vmx GAn 180
30.41 volts 0 deg 0%
TEH + 0.25
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

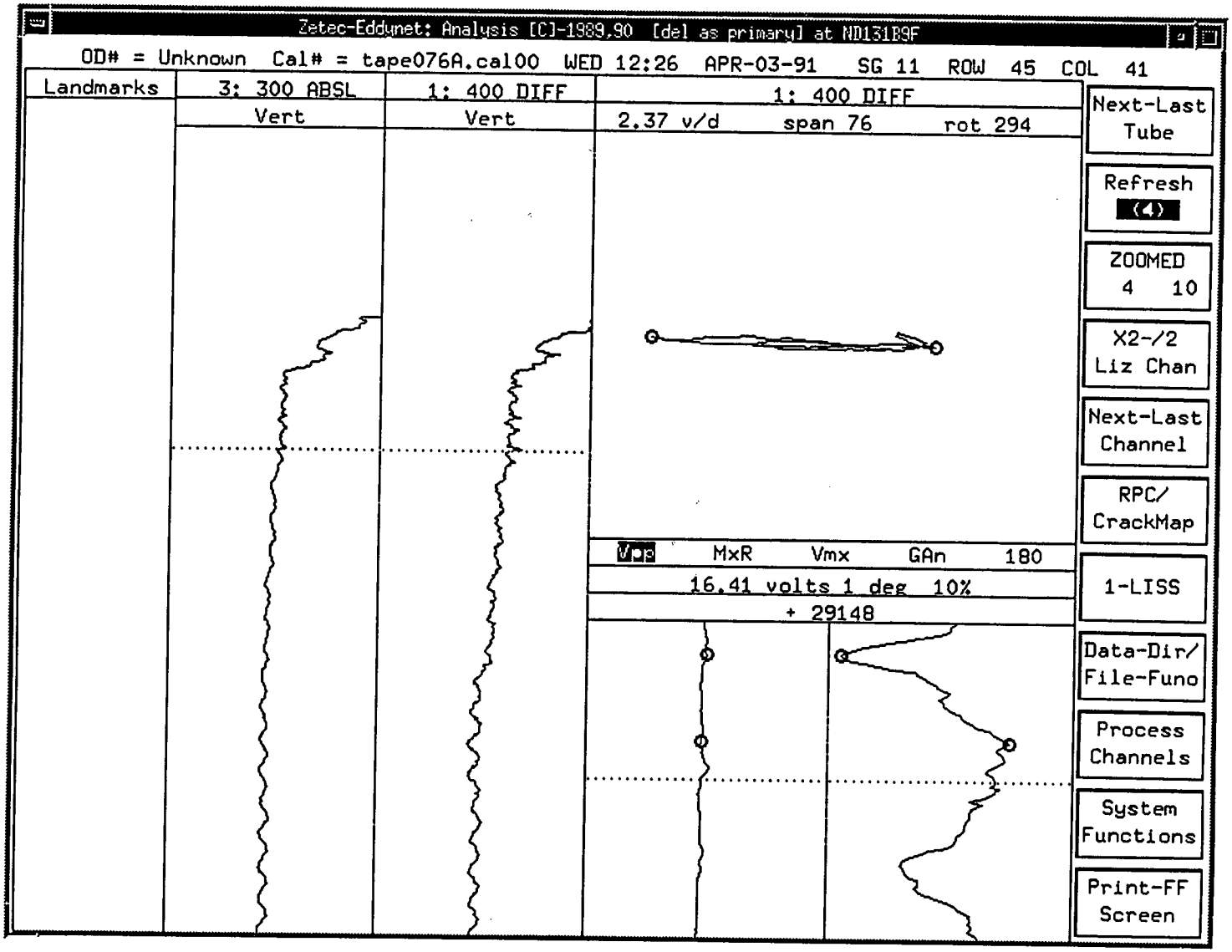

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
O# = Unknown Cal# = tape076A.cal00 WED 12:42 APR-03-91 SG 11 ROW 41 COL 42
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.7v/sp 26r 294
.0v/sp 38r 336
.9v/sp 35 r 0
.5v/sp 19r 114
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
1.07v 359d
1.12v 4d
0.93v 7d
1.80v 4d
TEH + 0.29
Next-Last Tube
Refresh (6)
ZOOMED 6 9
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

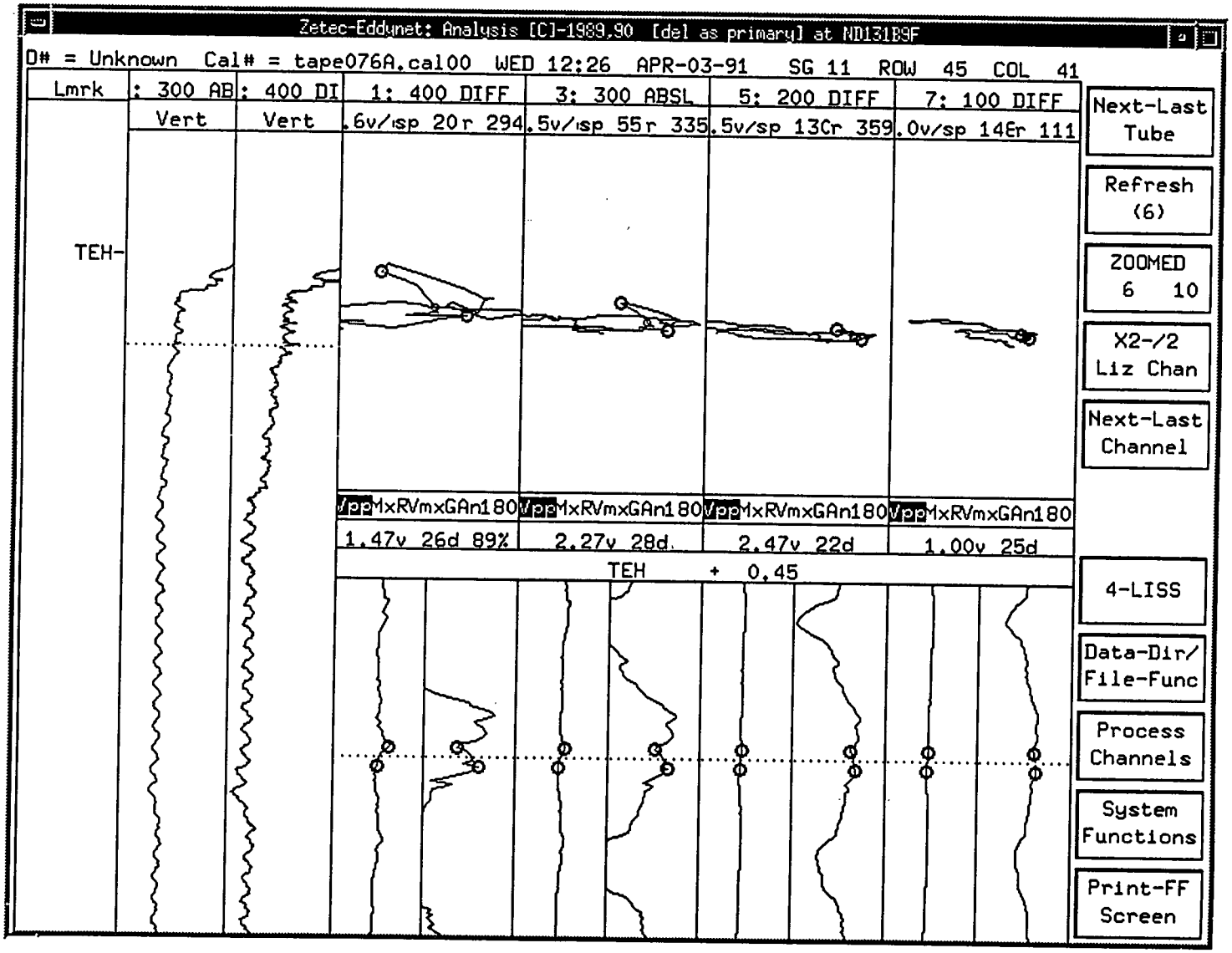

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:42 APR-03-91 SG 11 ROW 41 COL 42
Lmrk
3: 300 ABSL
Vert
1: 400 DIFF span 35 rot 294
# of Scans = 19
Trig Offset = 0
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
-0.96
TEH-
0.96
360
180
0
0
0.96
-0.96
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

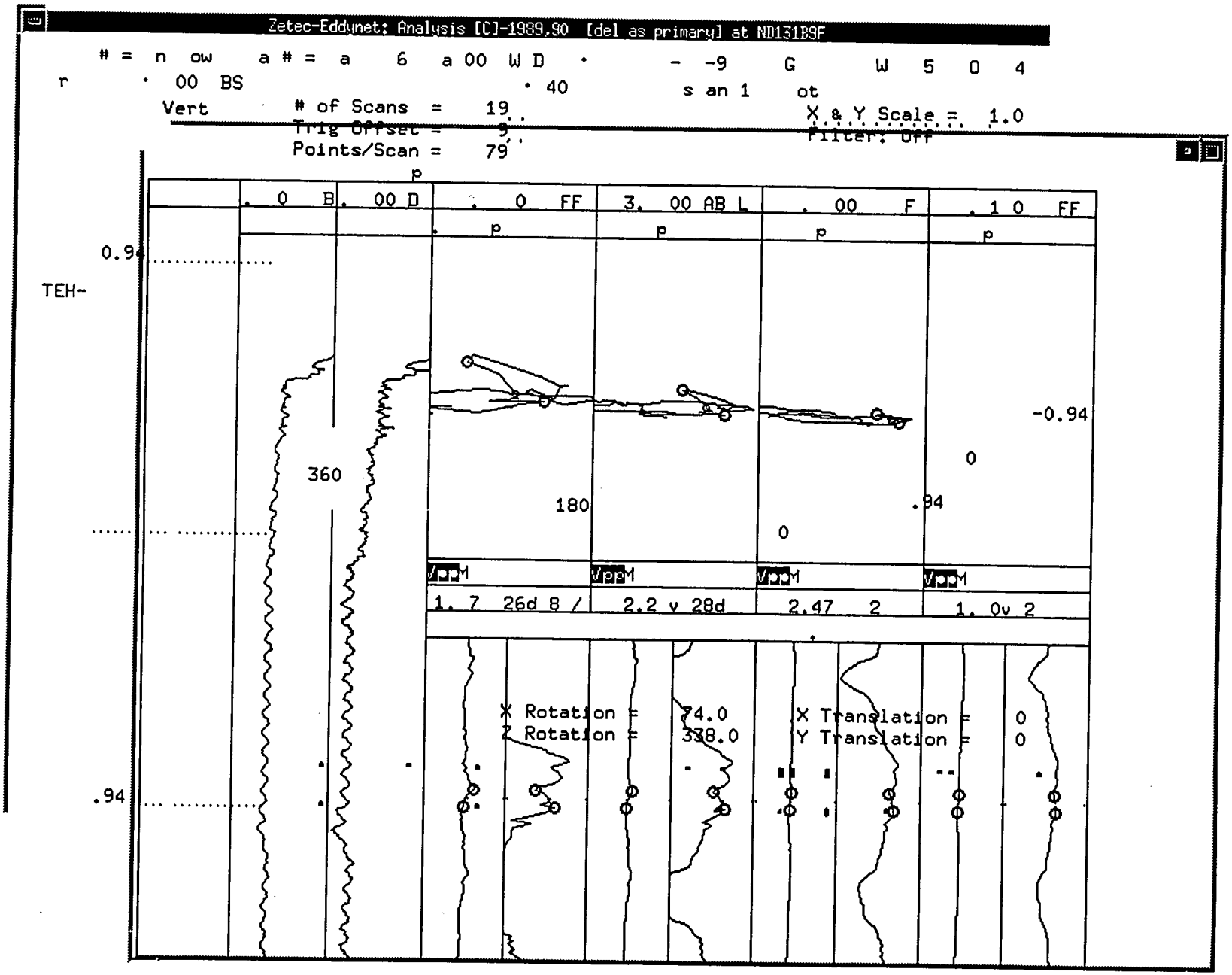

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at WD131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 18:03 APR-03-91 SG 11 ROW 10 COL 91
Lmrk
3: 300 ABSL
30: Interleave 1-2
Vert
-0.74
TEH-
0.74
# of Scans = 29
Trig Offset = 24
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
0.74
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

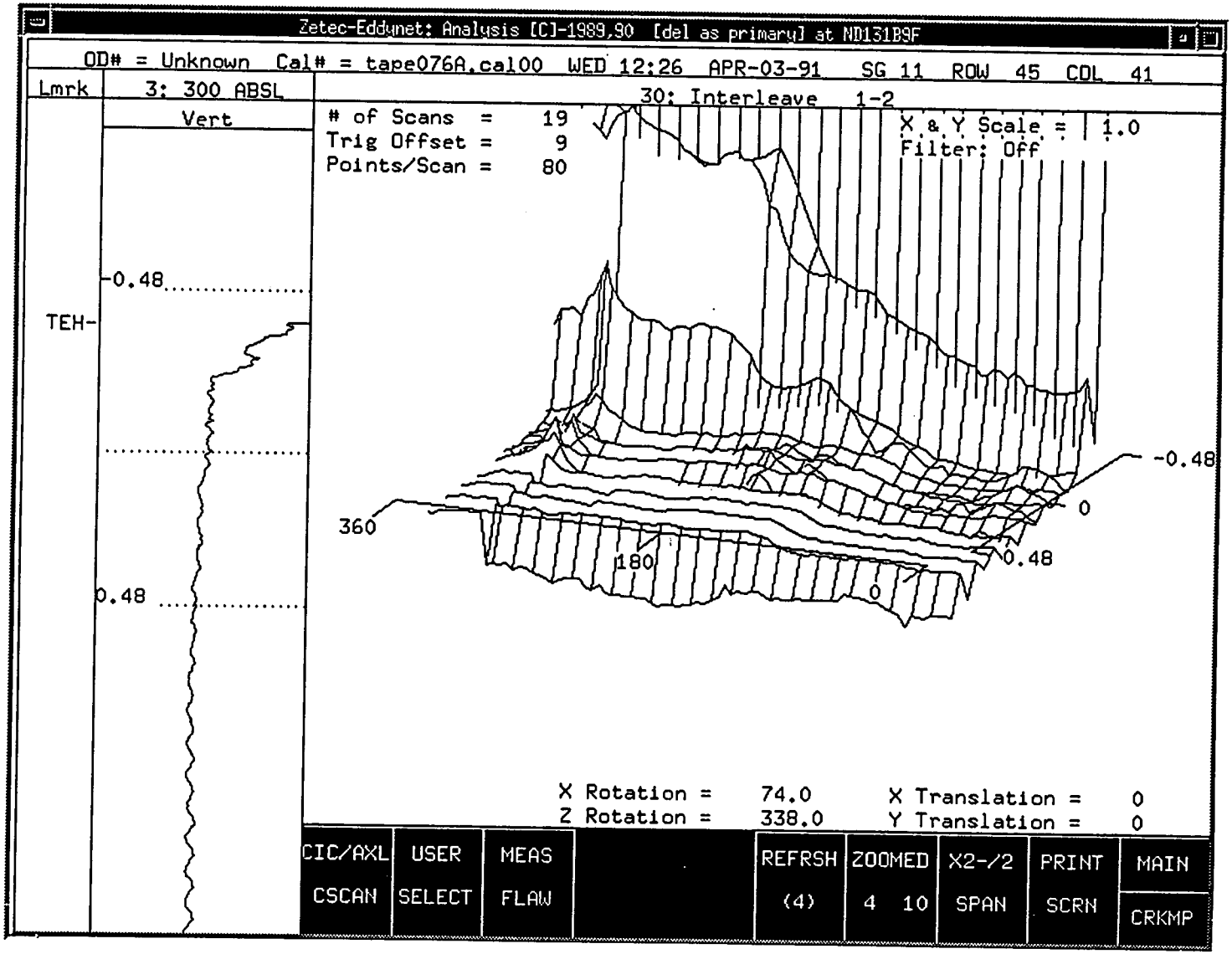

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at N0131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:42 APR-03-91 SG 11 ROW 41 COL 42
Lmrk
3: 300 ABSL
Vert
30: Interleave 1-2
# of Scans = 41
Trig Offset = 0
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
1.07
TEH-
1.07
0
180
1.07
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

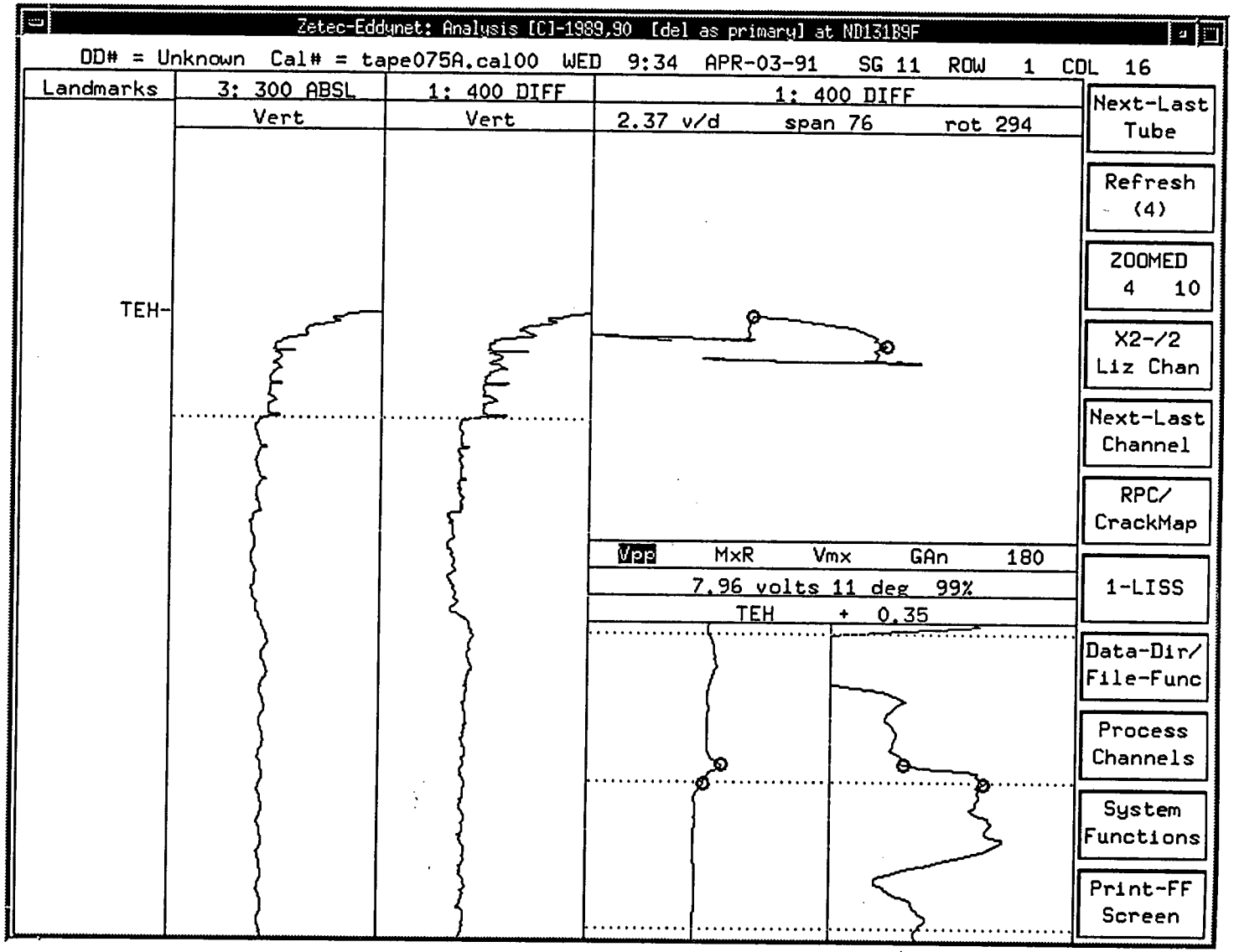

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:26 APR-03-91 SG 11 ROW 45 COL 41
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
0.59 v/d span 19 rot 294
TEH-
Vpp MxR Vmx GAn 180
1.09 volts 42 deg 78%
TEH + 0.43
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Soreen

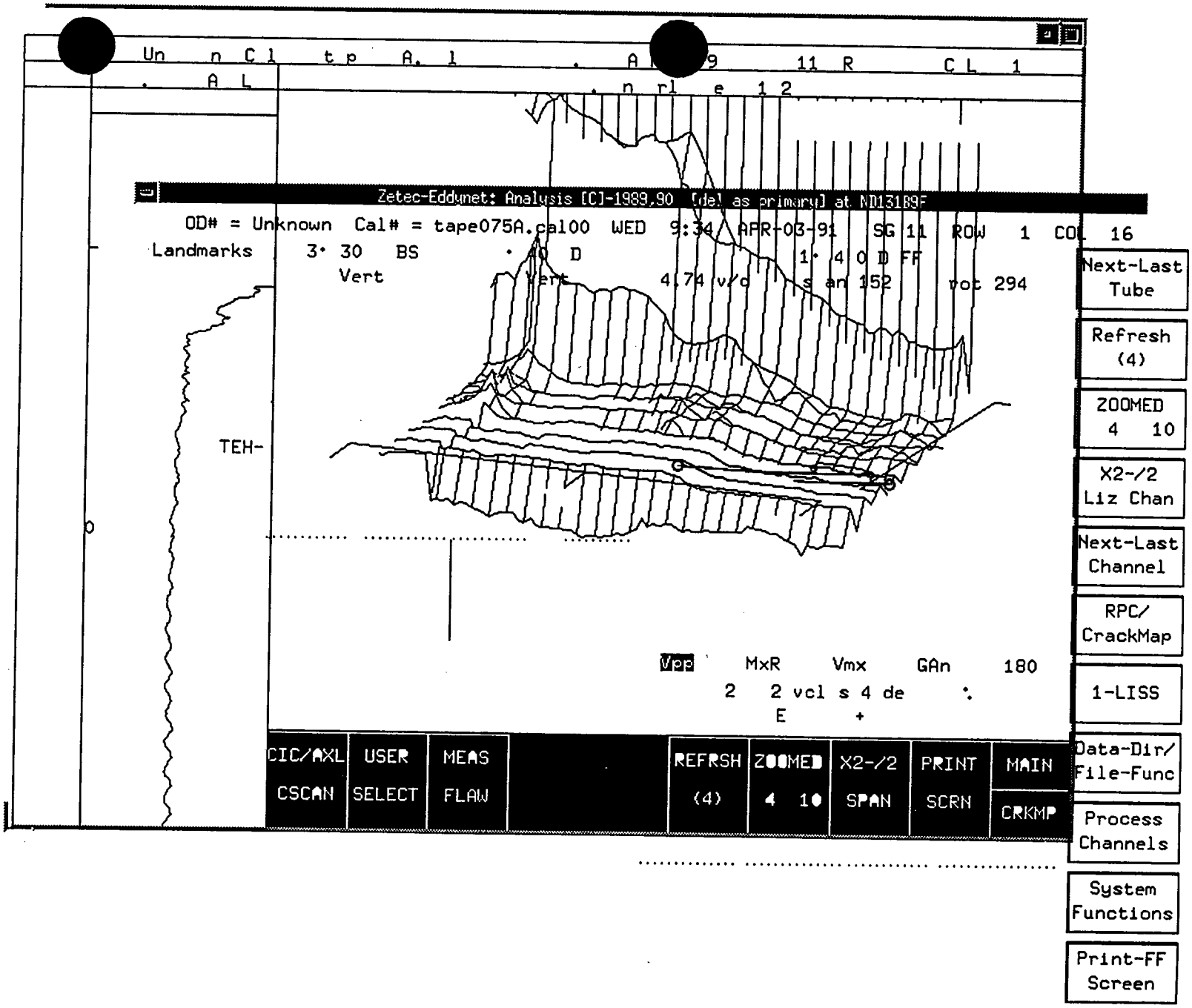

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:26 APR-03-91 SG 11 ROW 45 COL 41
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
2.37 v/d span 76 rot 294
MxR Vmx GAn 180
16.41 volts 1 deg 10%
+ 29148
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

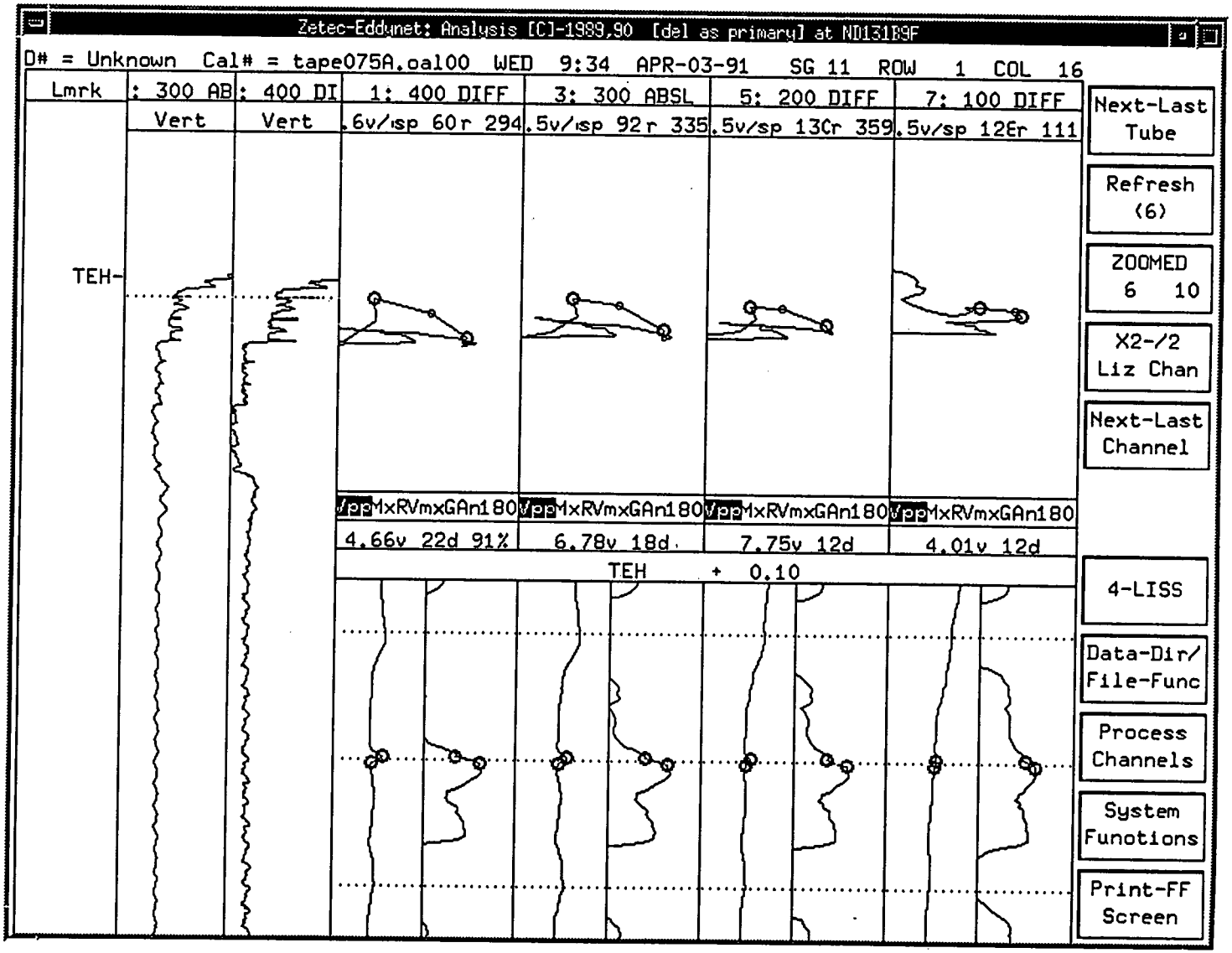

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B3F
D# = Unknown Cal# = tape076A.cal00 WED 12:26 APR-03-91 SG 11 ROW 45 COL 41
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.6v/sp 20r 294
.5v/sp 55r 335
.5v/sp 13Cr 359
.0v/sp 14Er 111
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
1.47v 26d 89%
2.27v 28d
2.47v 22d
1.00v 25d
TEH + 0.45
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

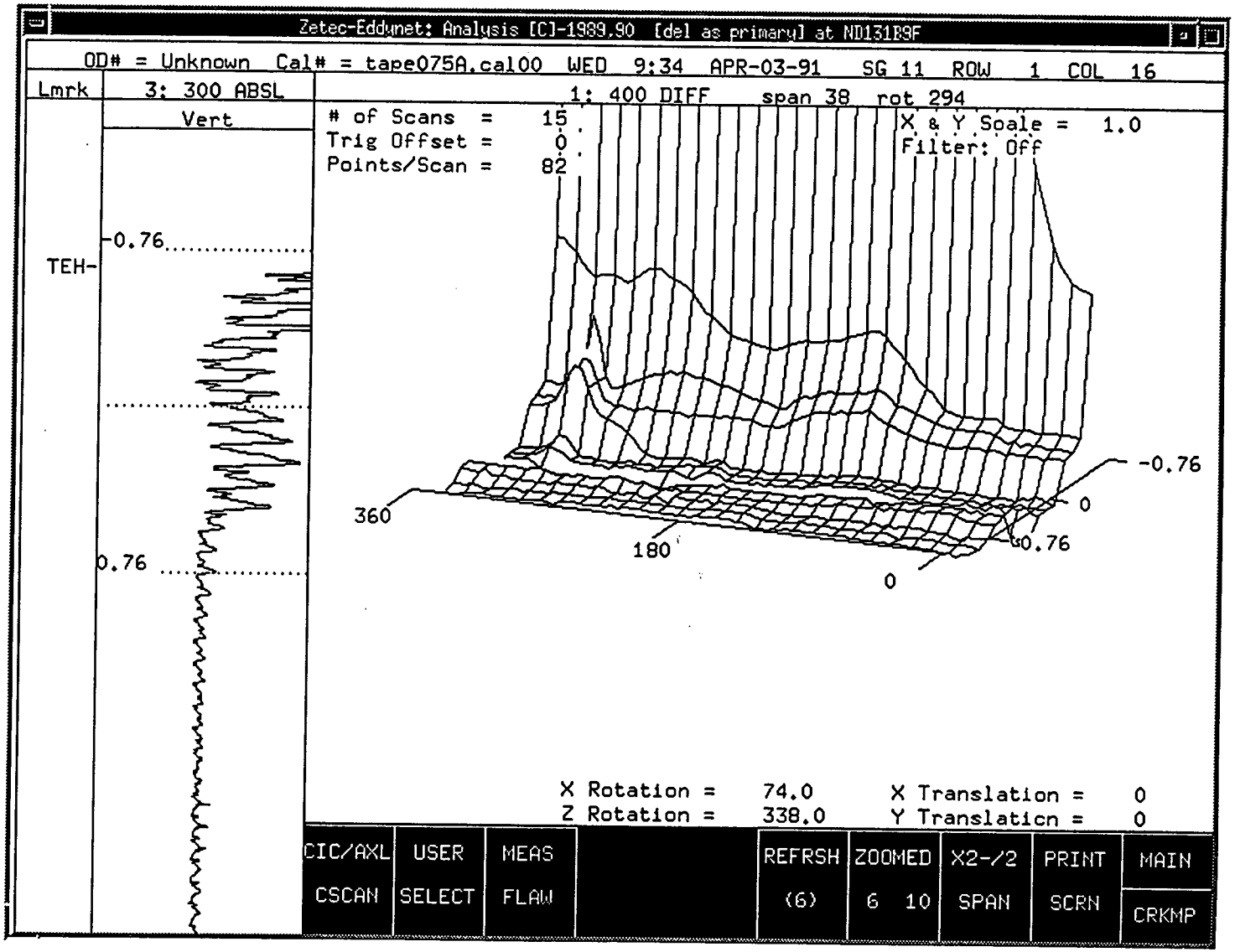

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
Vert
# of Scans = 19
Trig Offset = 9
Points/Scan = 79
X & Y Scale = 1.0
Filter: Off
0.94
TEH-
360
180
0
-0.94
.94
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0

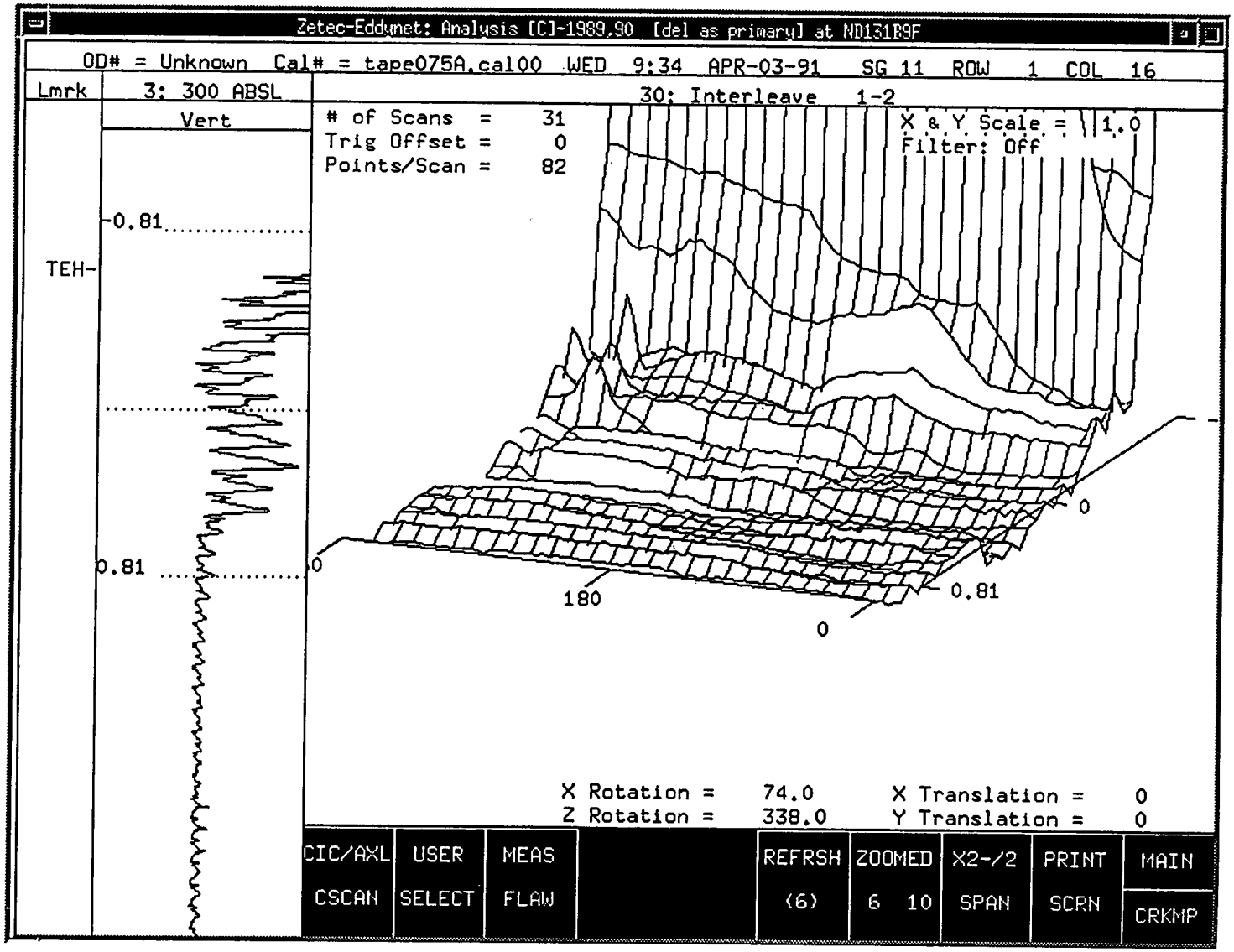

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:26 APR-03-91 SG 11 ROW 45 COL 41
Lmrk
3: 300 ABSL
Vert
30: Interleave 1-2
# of Scans = 19
Trig Offset = 9
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
-0.48
TEH-
0.48
360
180
0
-0.48
0
0.48
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(4)
ZOOMED
4 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

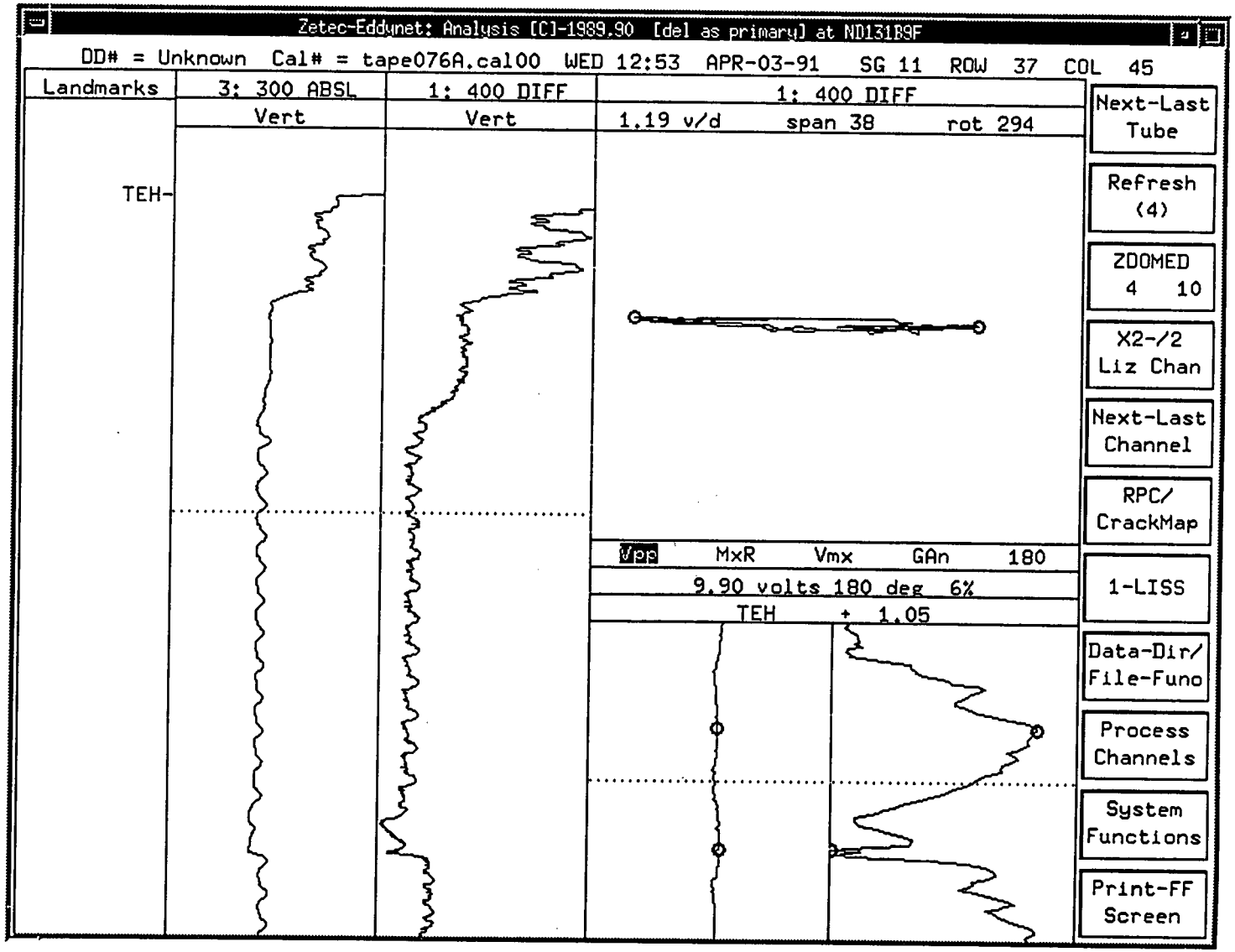

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:34 APR-03-91 SG 11 ROW 1 COL 16
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
2.37 v/d span 76 rot 294
TEH-
Vpp MxR Vmx GAn 180
7.96 volts 11 deg 99%
TEH + 0.35
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

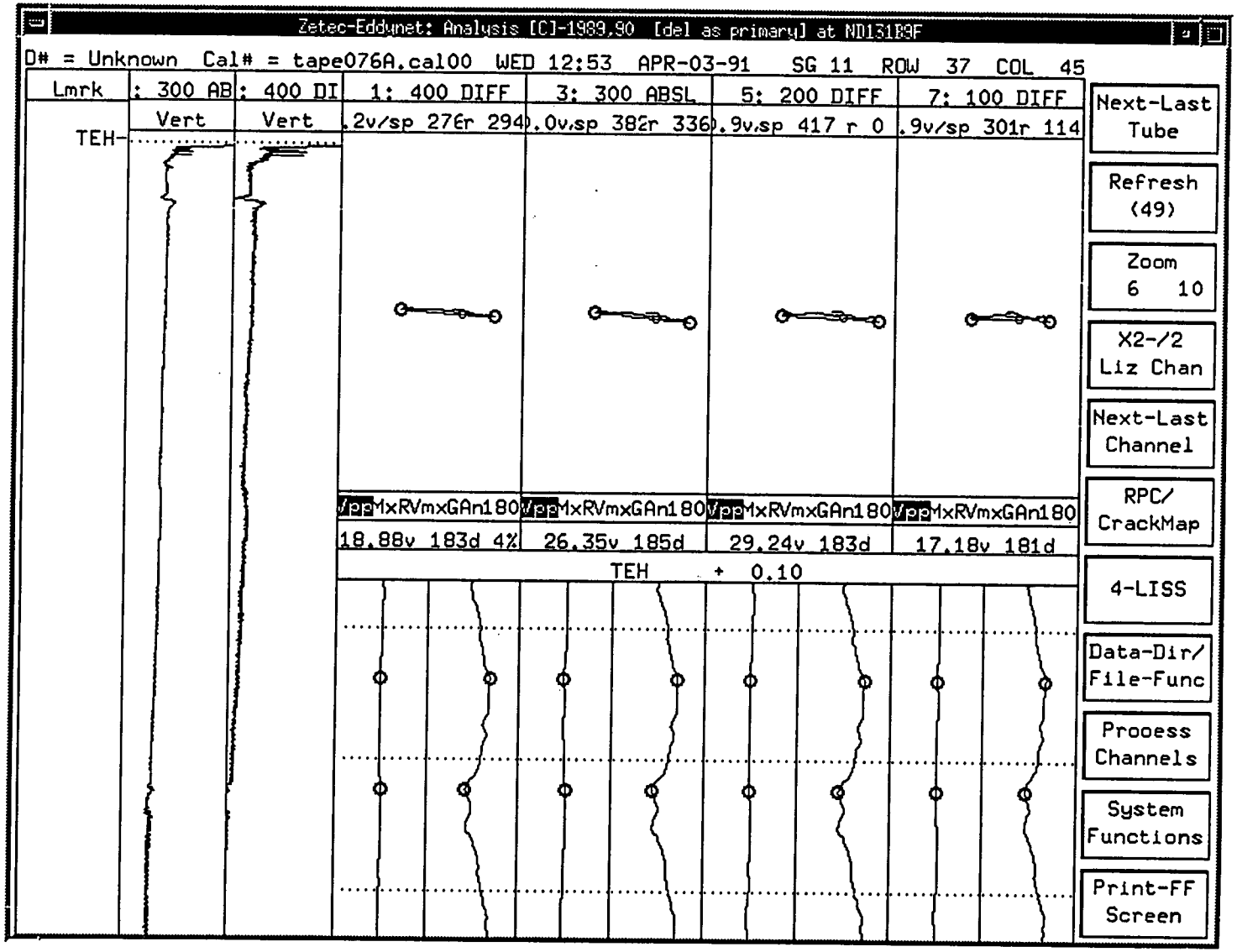

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND1318F
OD# = Unknown Cal# = tape075A.cal00 WED 9:34 APR-03-91 SG 11 ROW 1 COL 16
Landmarks
Vert
TEH-
Vpp MxR Vmx GAn 180
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (4)
ZOOMED 4 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

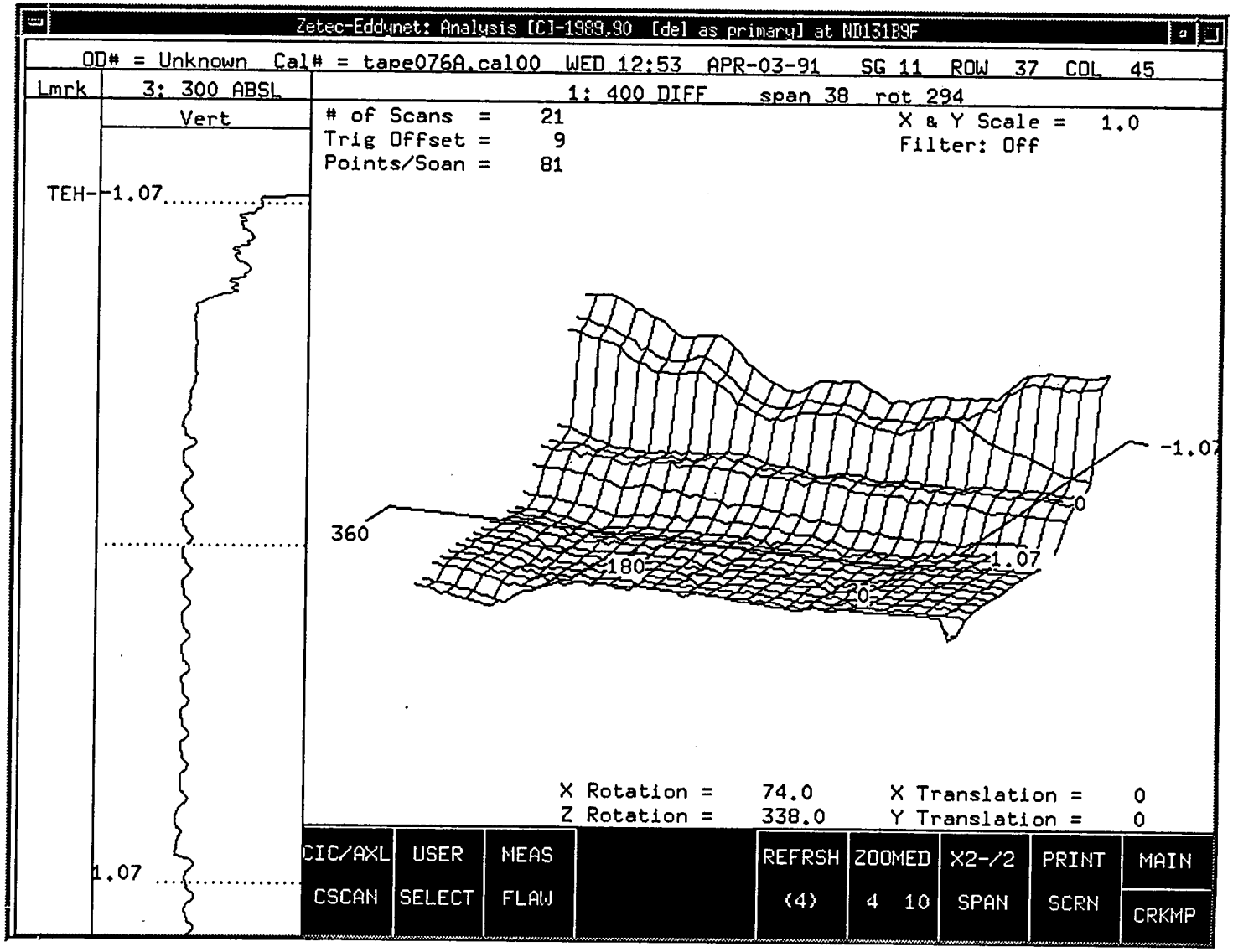

Zetec-Eddynet: Analysis [C]-1999,90 [del as primary] at ND131B9F
D# = Unknown Cal# = tape075A.oal00 WED 9:34 APR-03-91 SG 11 ROW 1 COL 16
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.6v/sp 60r 294
.5v/sp 92r 335
.5v/sp 13Cr 359
.5v/sp 12Er 111
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
4.66v 22d 91%
6.78v 18d
7.75v 12d
4.01v 12d
TEH + 0.10
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
4-LISS
Data-Dir/ File-Func
Process Channels
System Funotions
Print-FF Screen

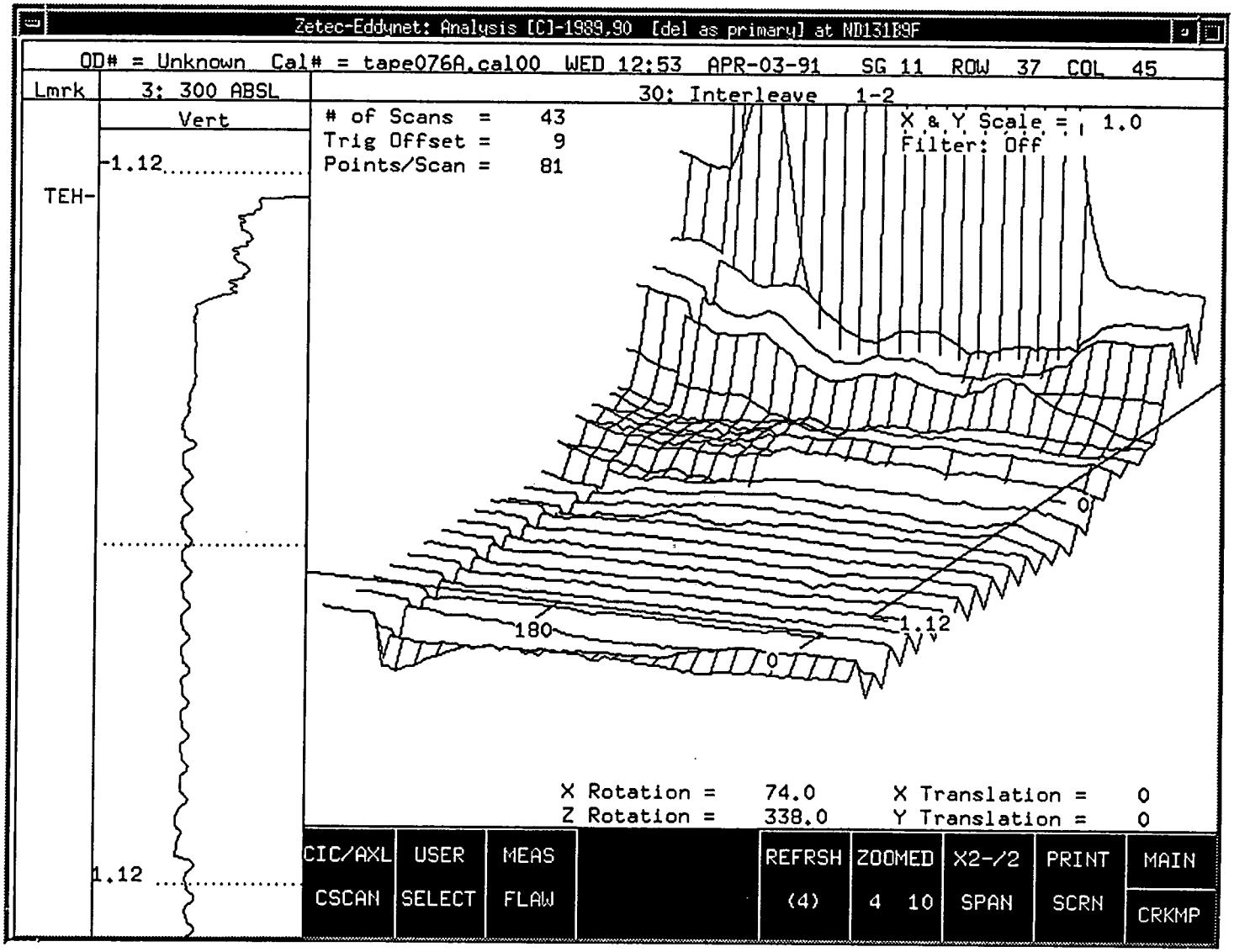

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:34 APR-03-91 SG 11 ROW 1 COL 16
Lmrk
3: 300 ABSL
Vert
-0.76
TEH-
0.76
1: 400 DIFF span 38 rot 294
# of Scans = 15
Trig Offset = 0
Points/Scan = 82
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.76
0
0.76
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

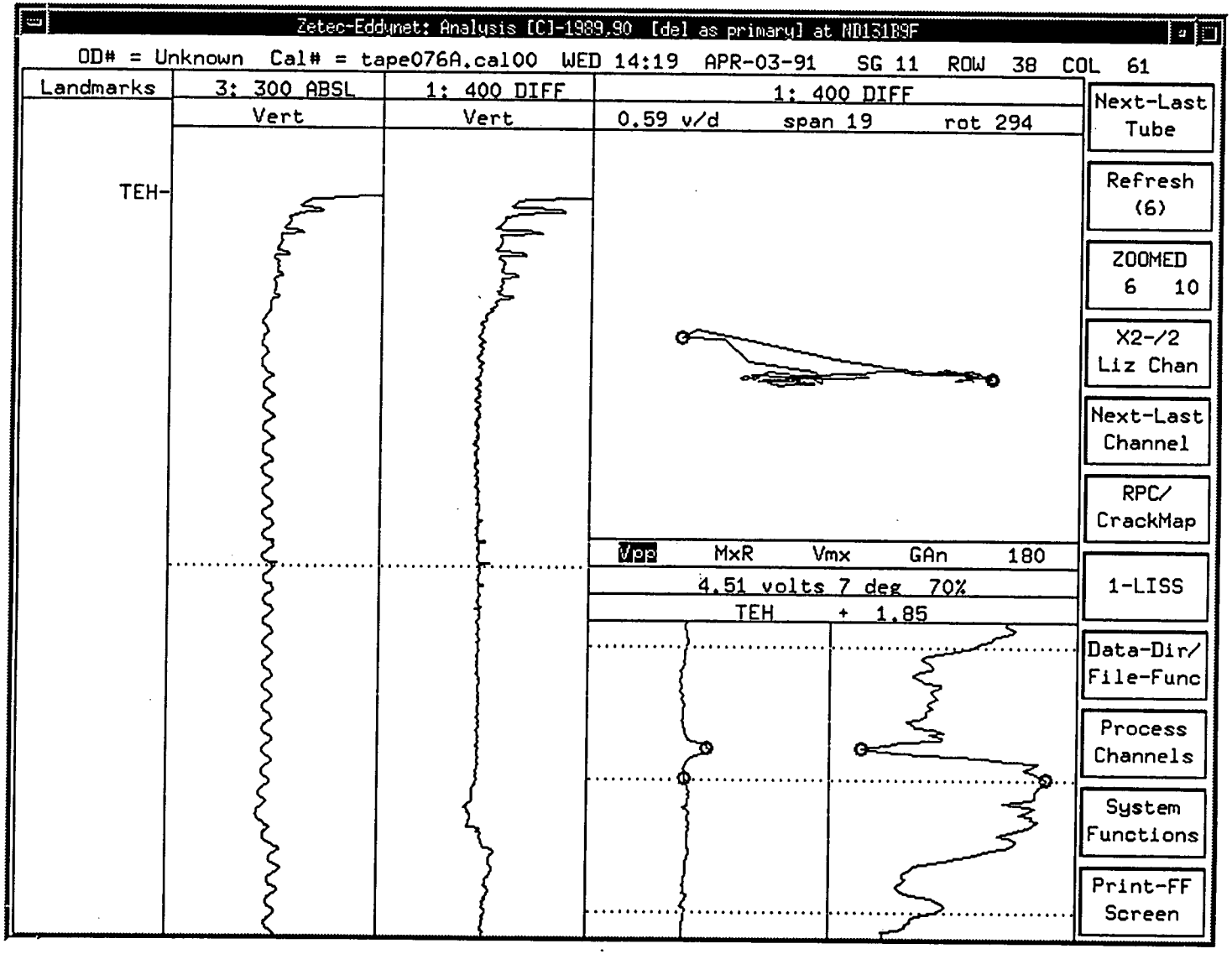

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at WD131B9F
OD# = Unknown Cal# = tape075A.cal00 WED 9:34 APR-03-91 SG 11 ROW 1 COL 16
Lmrk
3: 300 ABSL
30: Interleave 1-2
Vert
# of Scans = 31
Trig Offset = 0
Points/Scan = 82
X & Y Scale = 1.0
Filter: Off
0.81
TEH-
0.81
0
180
0
0.81
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

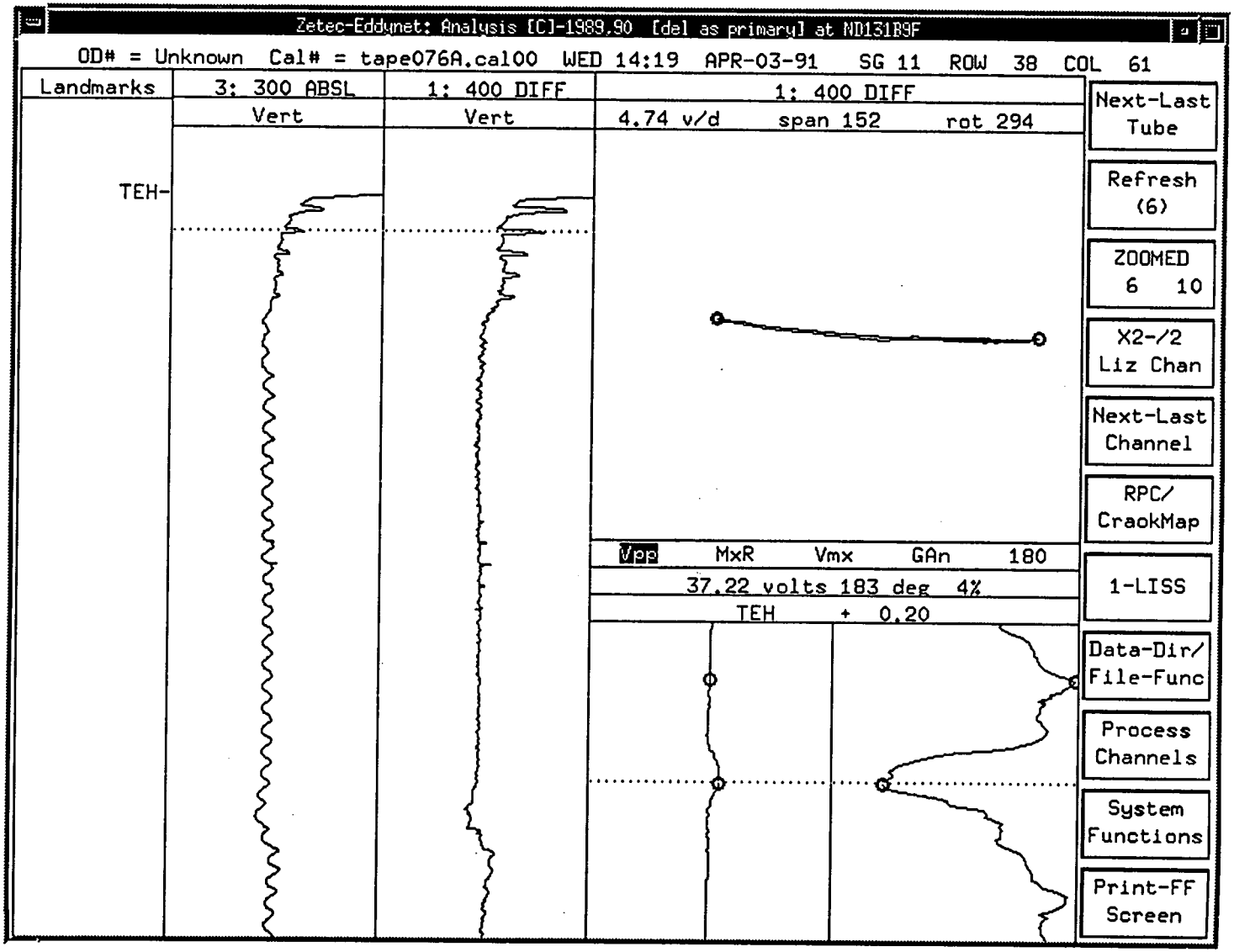

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
DD# = Unknown Cal# = tape076A.cal00 WED 12:53 APR-03-91 SG 11 ROW 37 COL 45
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.19 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
9.90 volts 180 deg 6%
TEH + 1.05
Next-Last Tube
Refresh (4)
ZOOMED 4 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

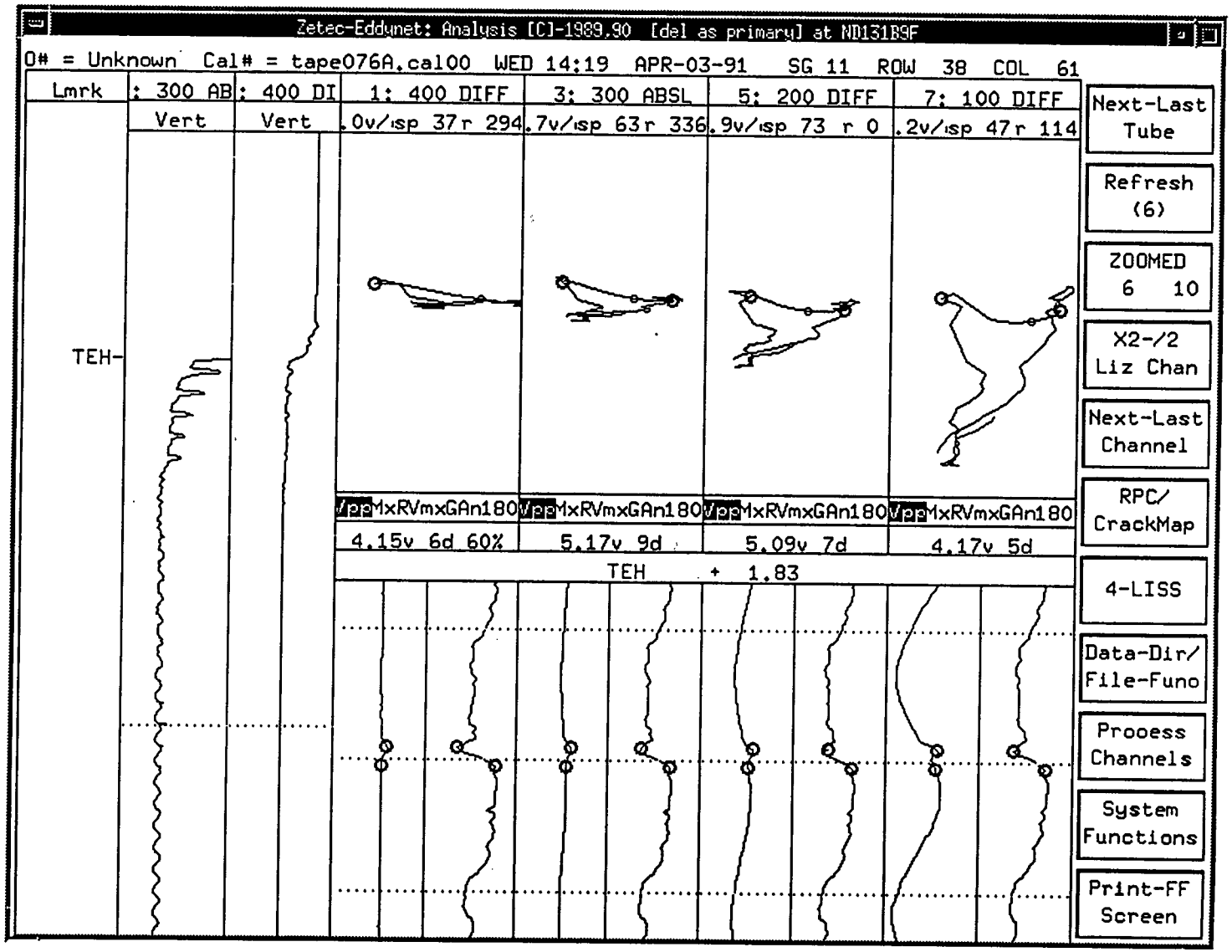

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
D# = Unknown Cal# = tape076A.cal00 WED 12:53 APR-03-91 SG 11 ROW 37 COL 45
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.2v/sp 276r 294
.0v/sp 382r 336
.9v/sp 417 r 0
.9v/sp 301r 114
TEH-
/ppMxRVmxGAn180
/ppMxRVmxGAn180
/ppMxRVmxGAn180
/ppMxRVmxGAn180
18.88v 183d 4%
26.35v 185d
29.24v 183d
17.18v 181d
TEH + 0.10
Next-Last Tube
Refresh (49)
Zoom 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

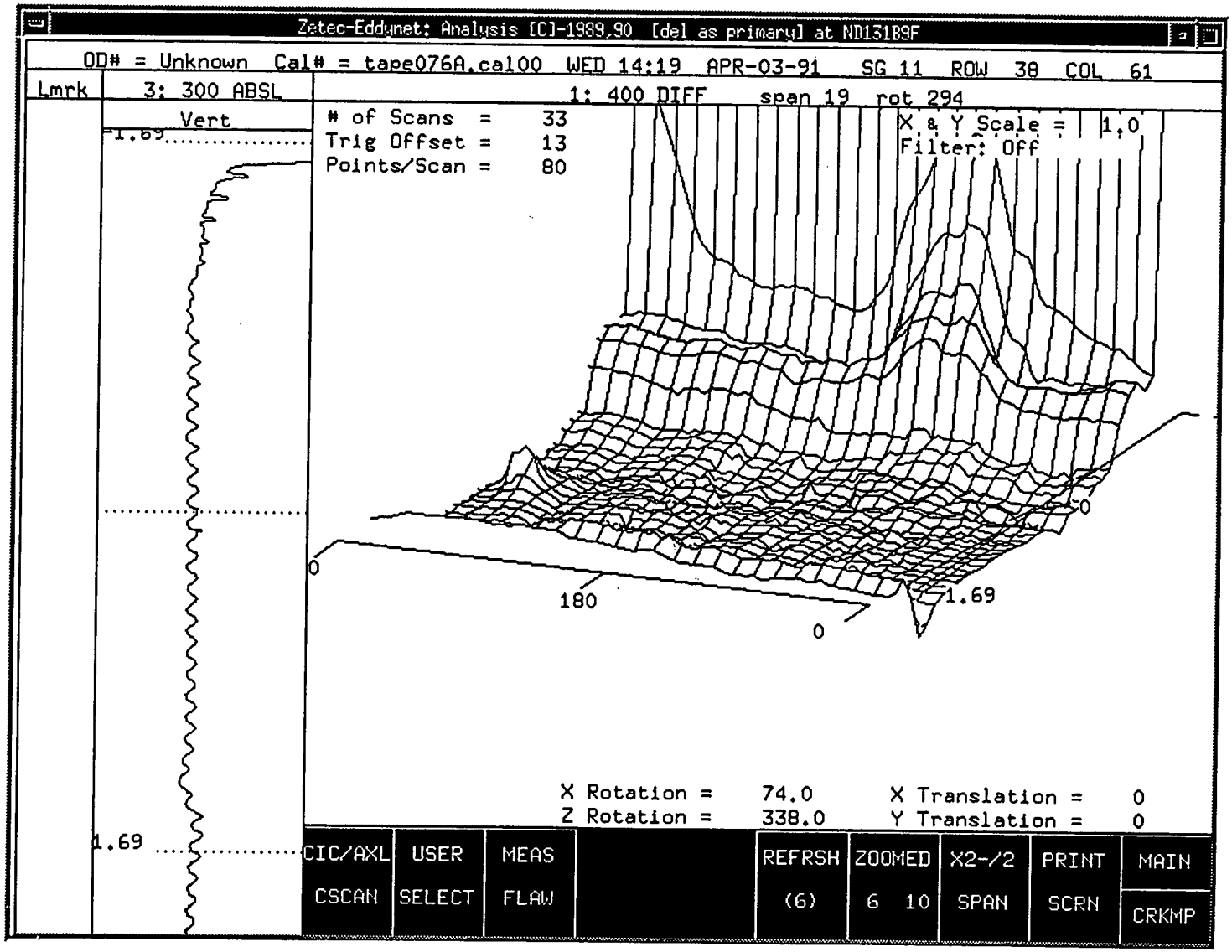

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:53 APR-03-91 SG 11 ROW 37 COL 45
Lmrk
3: 300 ABSL
Vert
1: 400 DIFF span 38 rot 294
# of Scans = 21
Trig Offset = 9
Points/Soan = 81
X & Y Scale = 1.0
Filter: Off
TEH
1.07
1.07
360
180
0
0
1.07
-1.07
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(4)
ZOOMED
4 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

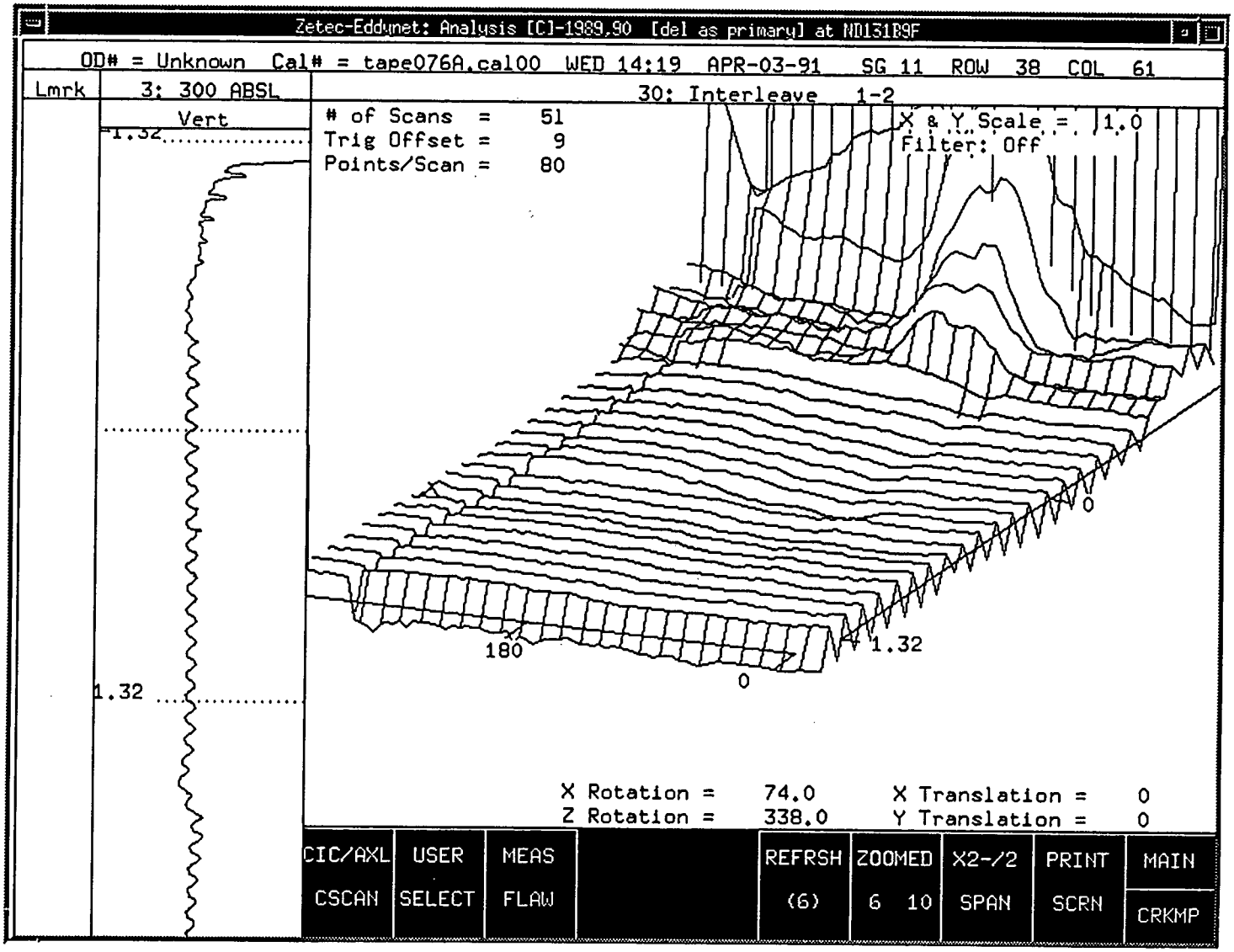

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131E9F
OD# = Unknown Cal# = tape076A.cal00 WED 12:53 APR-03-91 SG 11 ROW 37 COL 45
Lmrk
3: 300 ABSL
Vert
1.12
TEH-
1.12
30: Interleave 1-2
# of Scans = 43
Trig Offset = 9
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
0
180
1.12
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (4)
ZOOMED 4 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

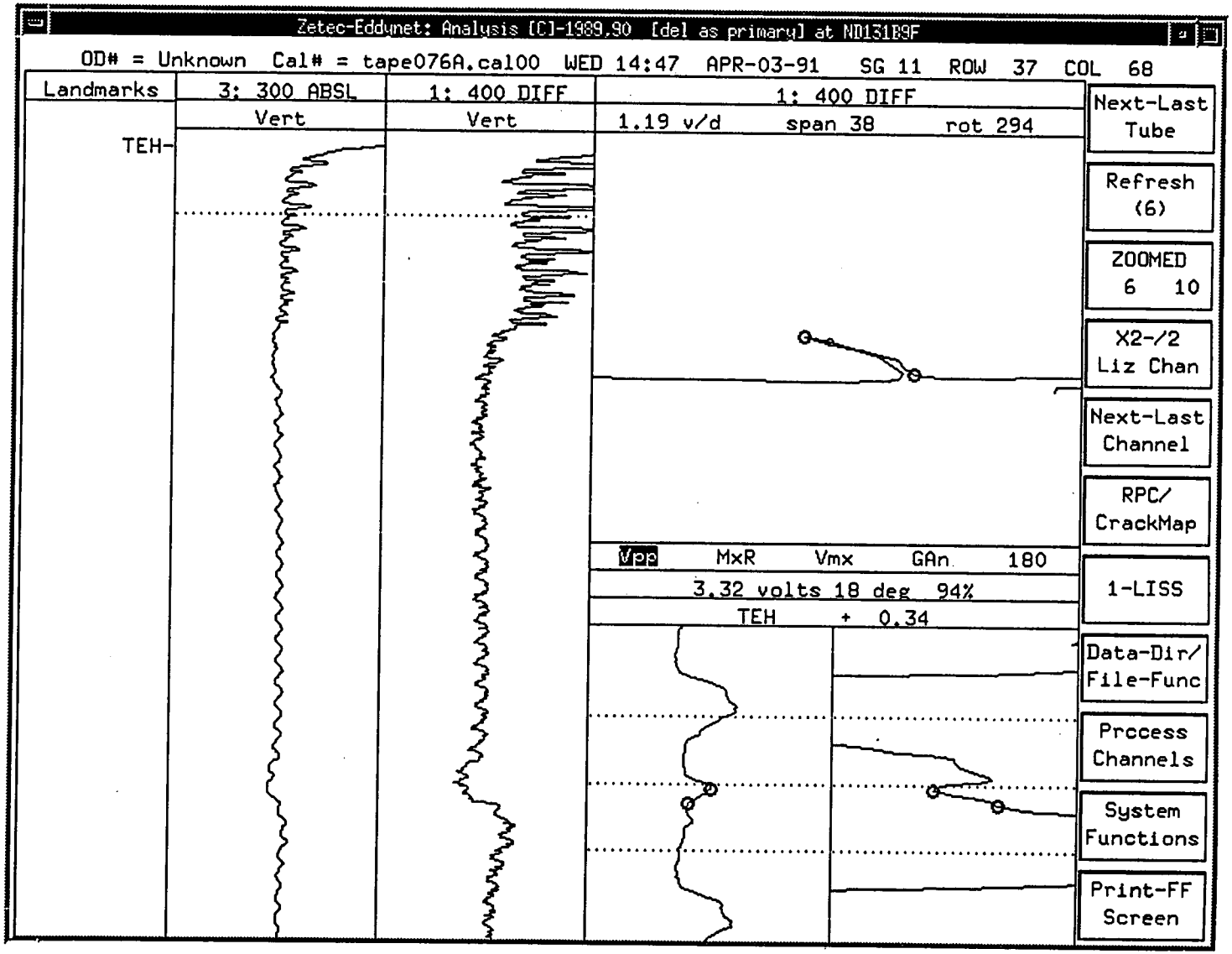

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:19 APR-03-91 SG 11 ROW 38 COL 61
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
0.59 v/d span 19 rot 294
TEH-
Vpp MxR Vmx GAn 180
4.51 volts 7 deg 70%
TEH + 1.85
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

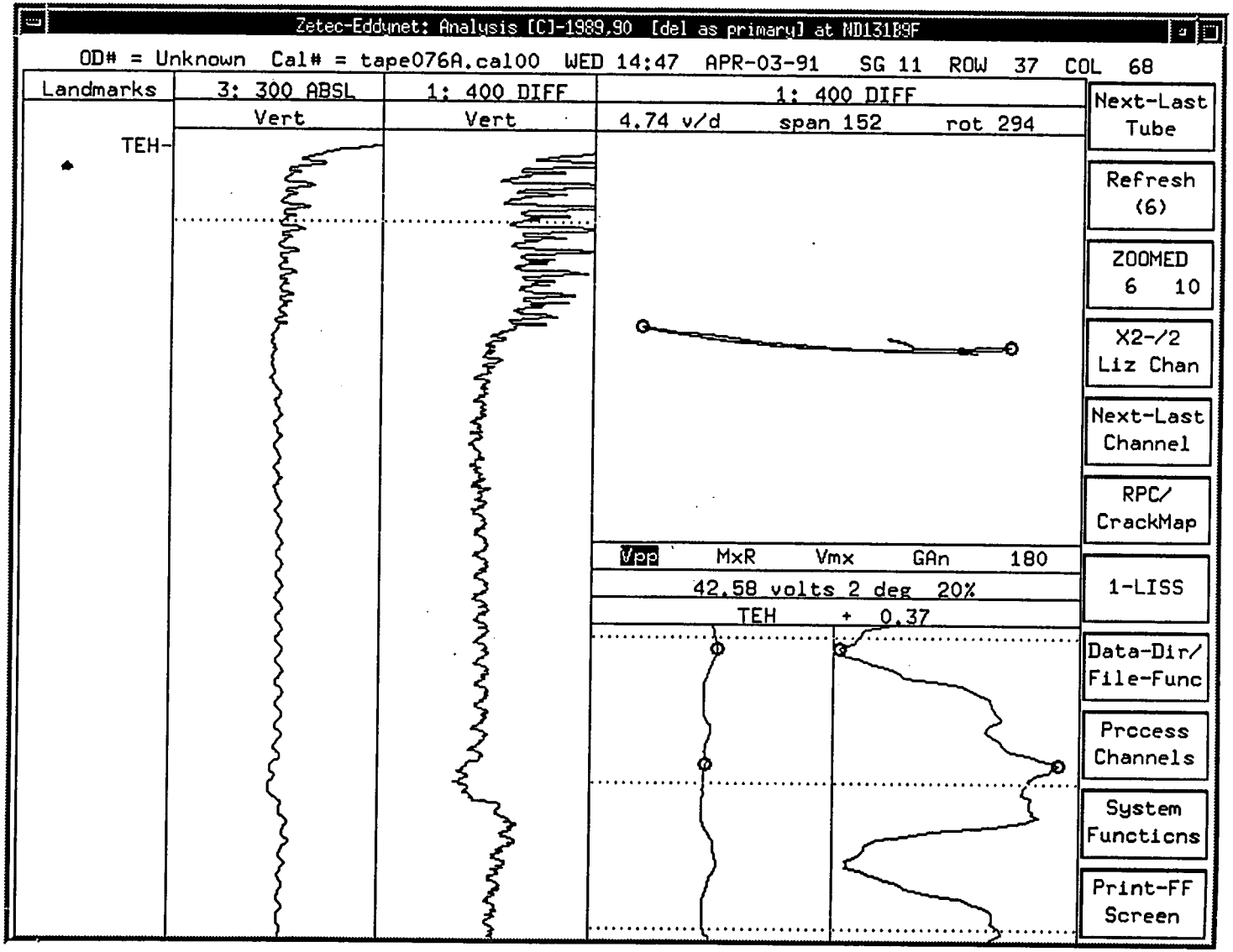

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:19 APR-03-91 SG 11 ROW 38 COL 61
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.74 v/d span 152 rot 294
TEH-
Vpp MxR Vmx GAn 180
37.22 volts 183 deg 4%
TEH + 0.20
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

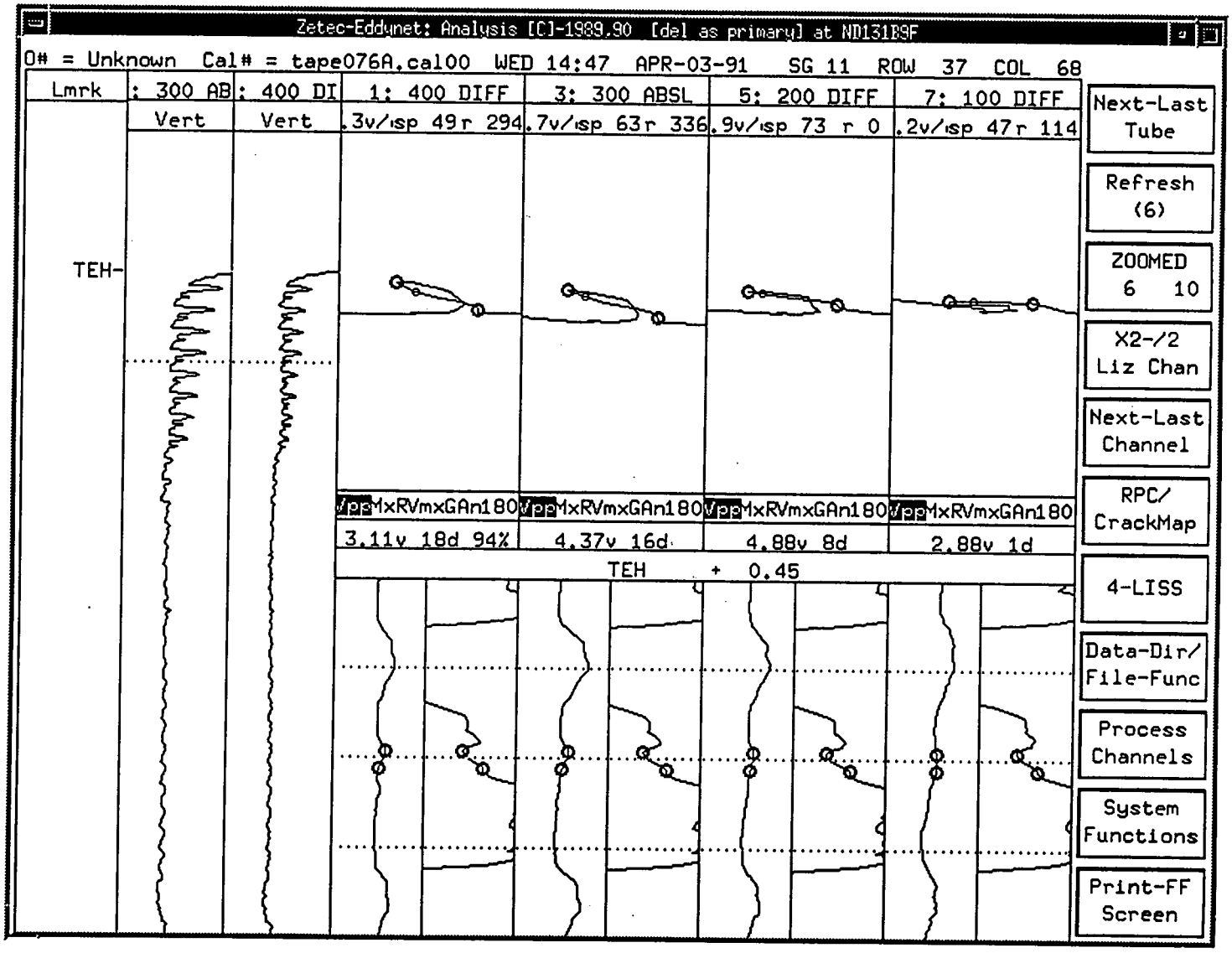

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
O# = Unknown Cal# = tape076A.cal00 WED 14:19 APR-03-91 SG 11 ROW 38 COL 61
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.0v/sp 37r 294
.7v/sp 63r 336
.9v/sp 73 r 0
.2v/sp 47r 114
TEH-
/ppMxRVmxGAn180
/ppMxRVmxGAn180
/ppMxRVmxGAn180
/ppMxRVmxGAn180
4.15v 6d 60%
5.17v 9d
5.09v 7d
4.17v 5d
TEH + 1.83
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Funo
Prooess Channels
System Functions
Print-FF Screen

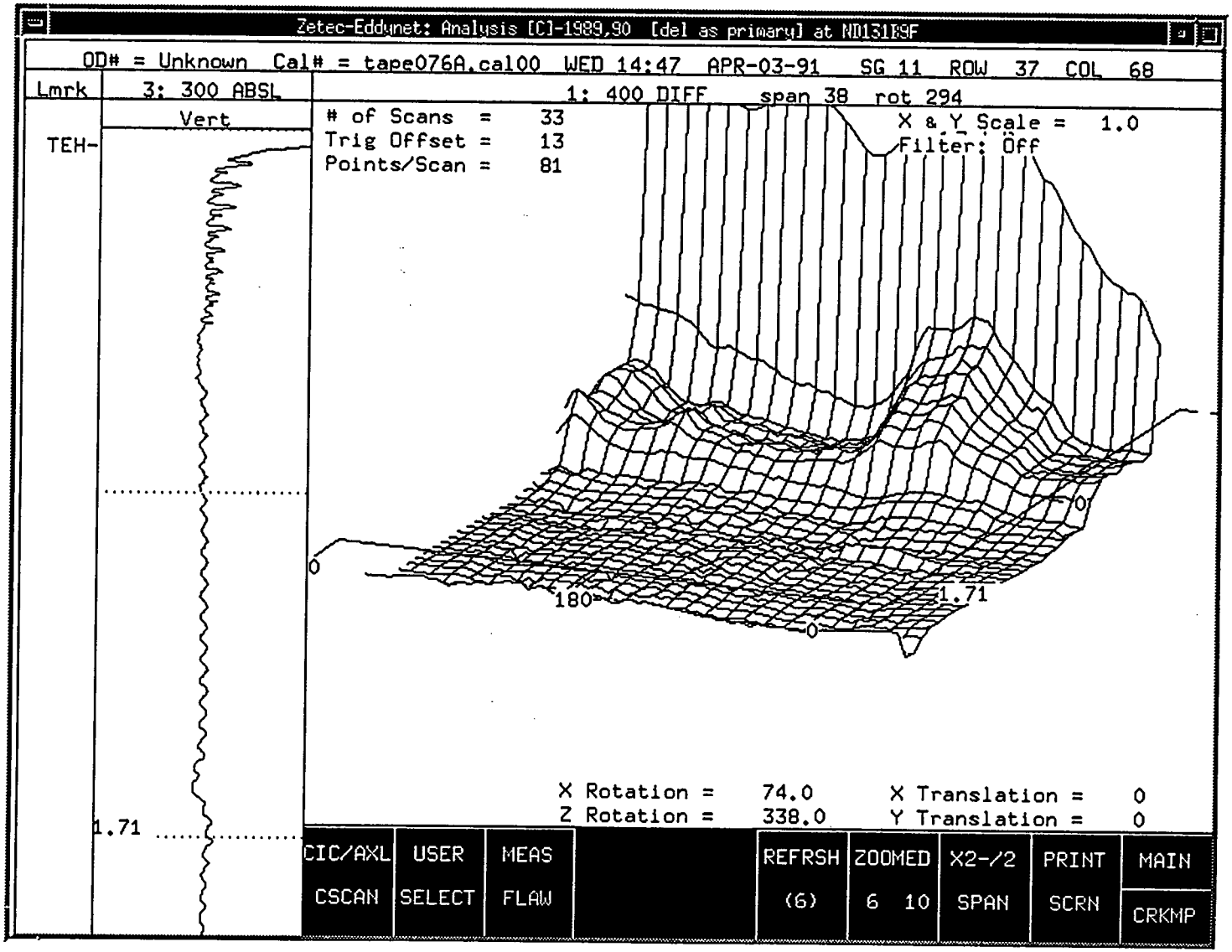

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:19 APR-03-91 SG 11 ROW 38 COL 61
Lmrk
3: 300 ABSL
Vert
1.69
1.69
1: 400 DIFF span 19 rot 294
# of Scans = 33
Trig Offset = 13
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
0
180
0
0
1.69
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

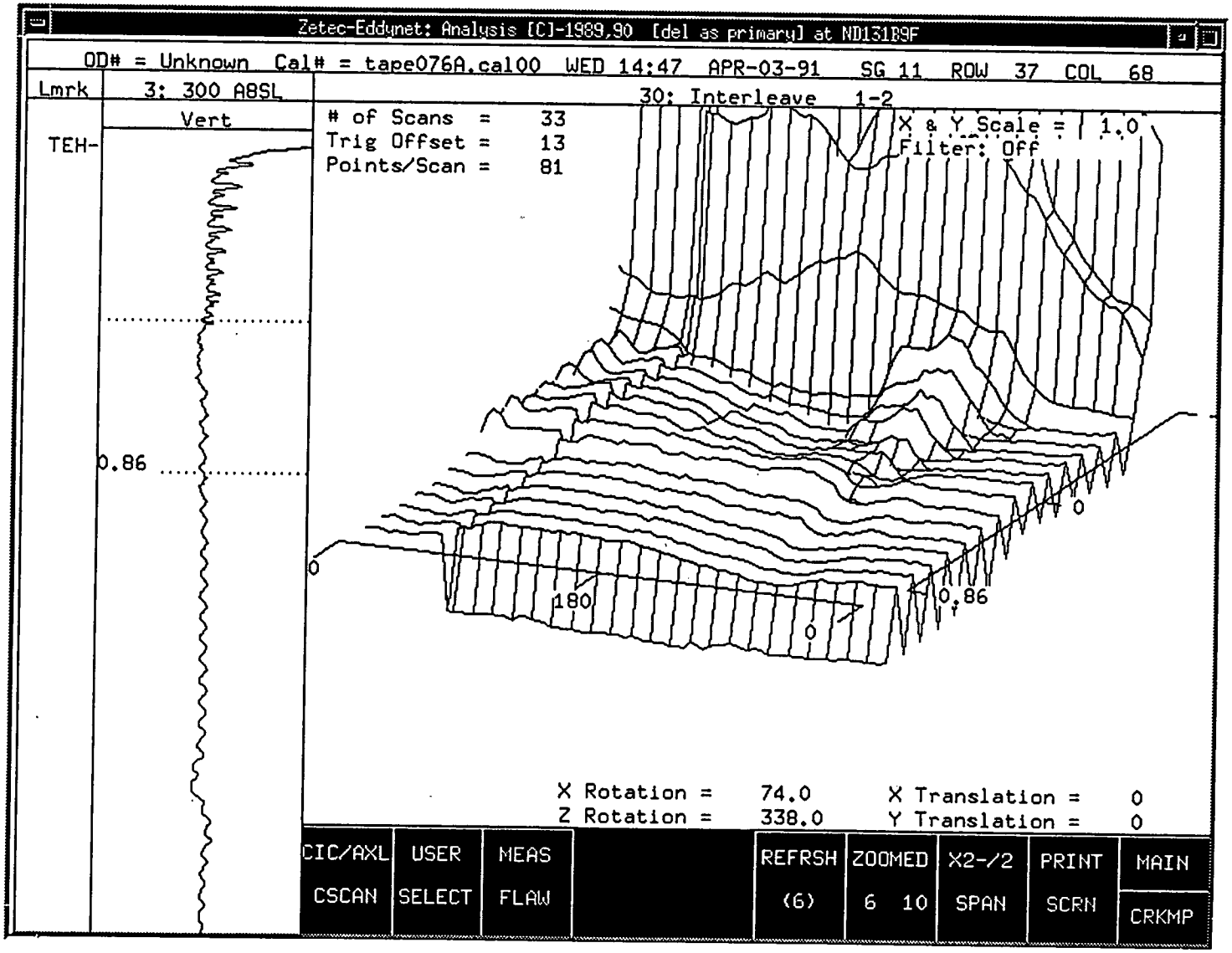

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:19 APR-03-91 SG 11 ROW 38 COL 61
Lmrk
3: 300 ABSL
Vert
1.32
1.32
30: Interleave 1-2
# of Scans = 51
Trig Offset = 9
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
0
180
1.32
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

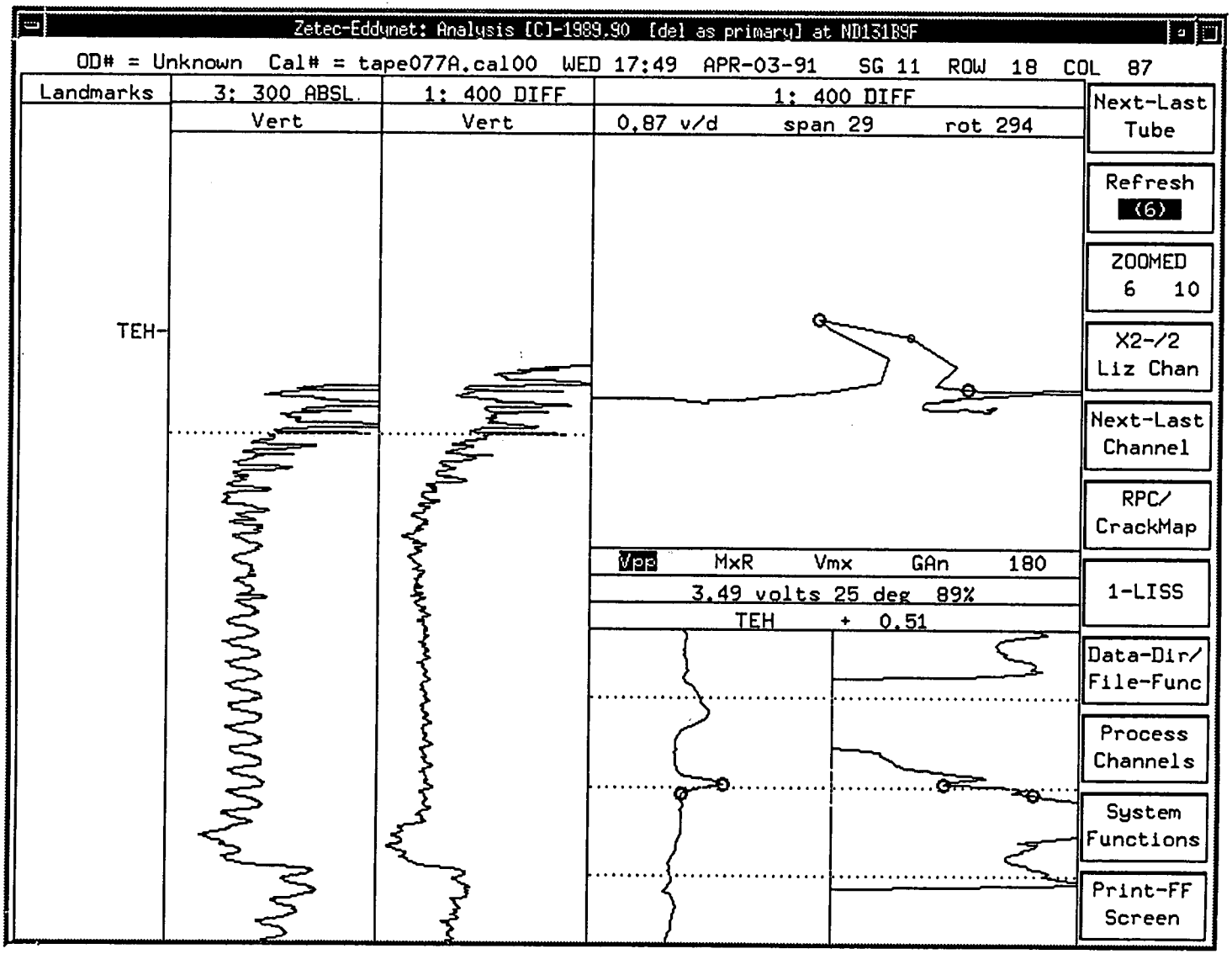

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.19 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
3.32 volts 18 deg 94%
TEH + 0.34
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

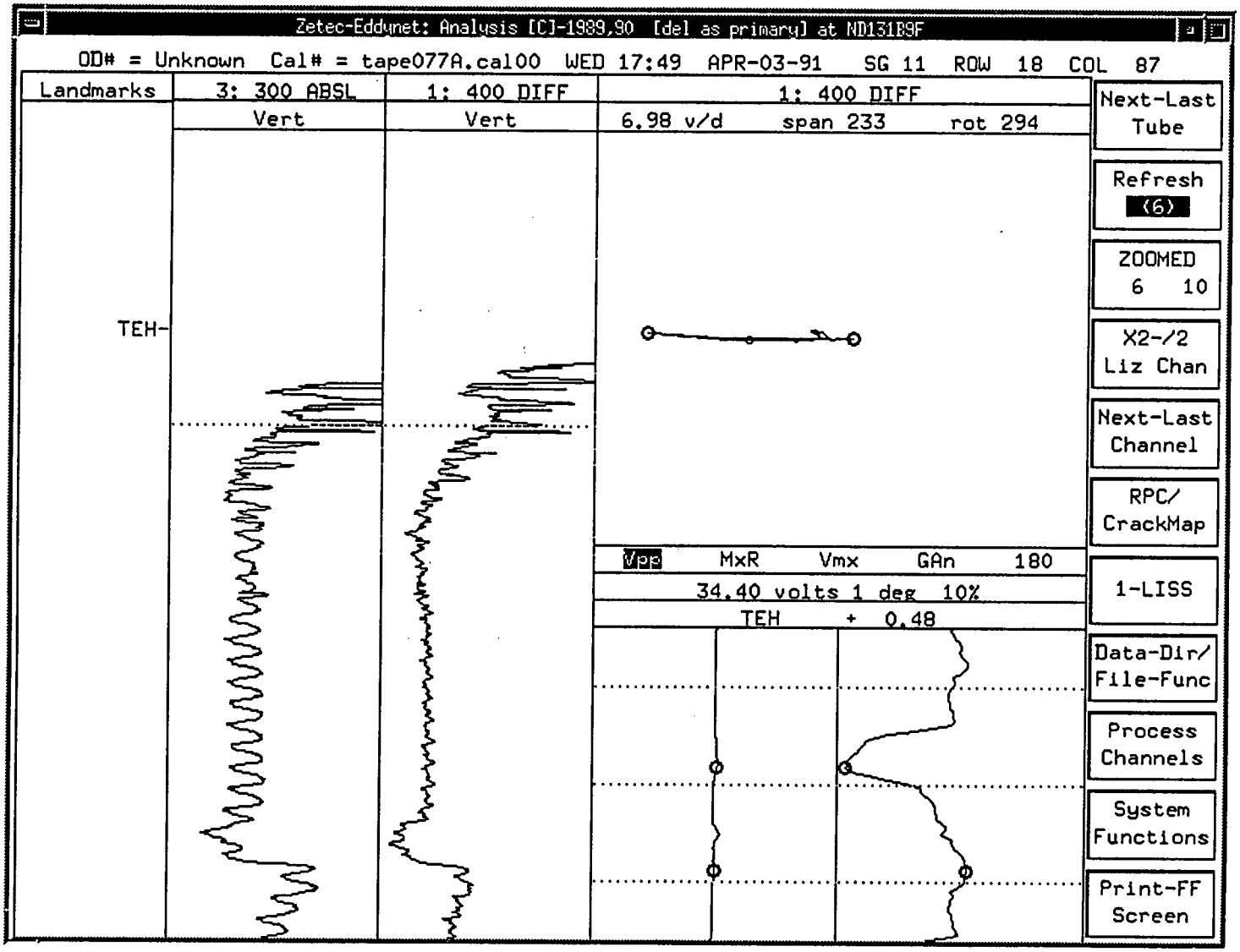

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
TEH-
1: 400 DIFF
4.74 v/d span 152 rot 294
Vpp MxR Vmx GAn 180
42.58 volts 2 deg 20%
TEH + 0.37
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

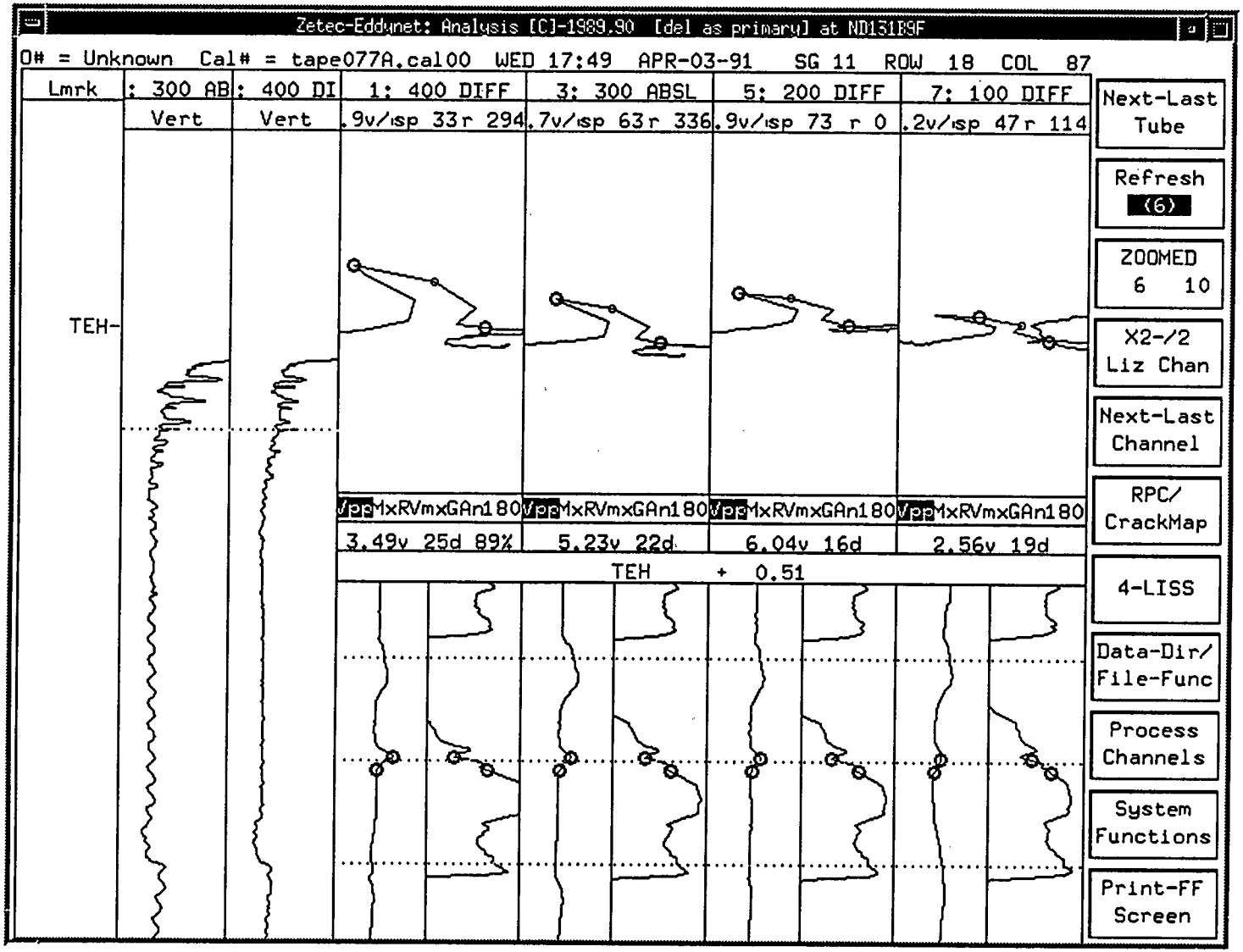

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
O# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.3v/sp 49r 294
.7v/sp 63r 336
.9v/sp 73 r 0
.2v/sp 47r 114
TEH-
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
3.11v 18d 94%
4.37v 16d
4.88v 8d
2.88v 1d
TEH + 0.45
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

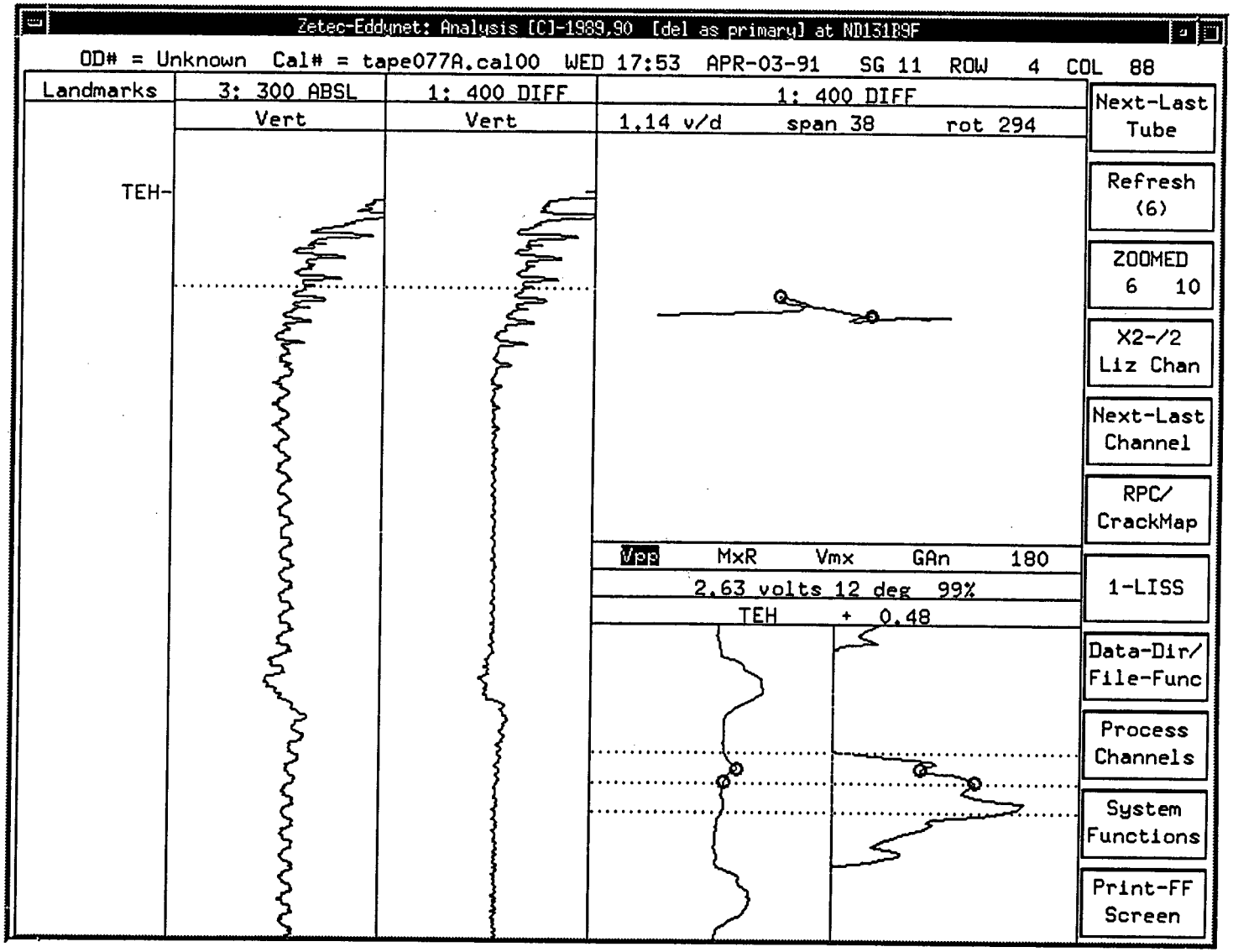

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131E9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Lmrk
3: 300 ABSL
Vert
TEH-
1.71
1: 400 DIFF span 38 rot 294
# of Scans = 33
Trig Offset = 13
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
0
180
1.71
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

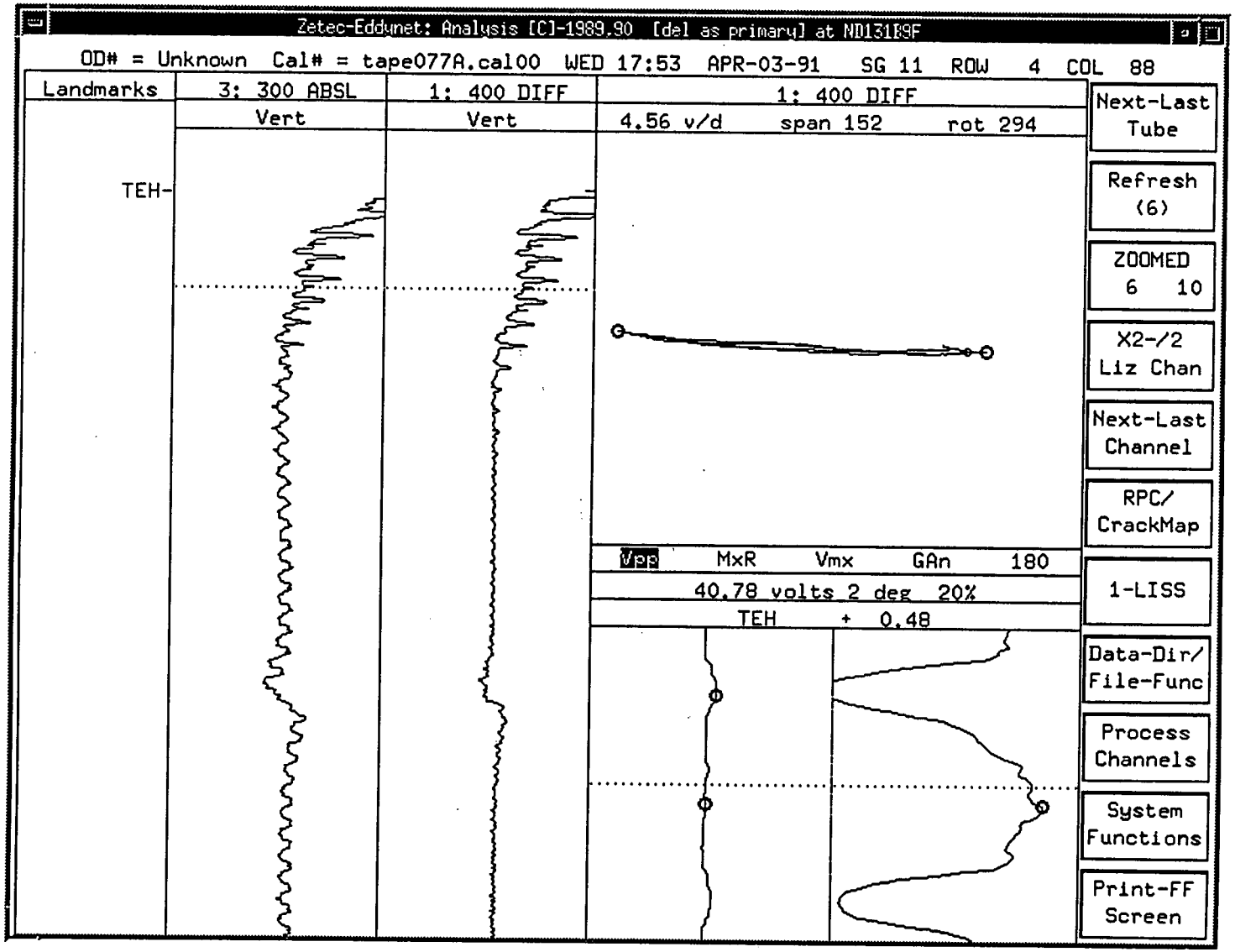

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Lmrk 3: 300 ABSL
Vert
TEH-
0.86
30: Interleave 1-2
# of Scans = 33
Trig Offset = 13
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
0
180
0
0.86
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

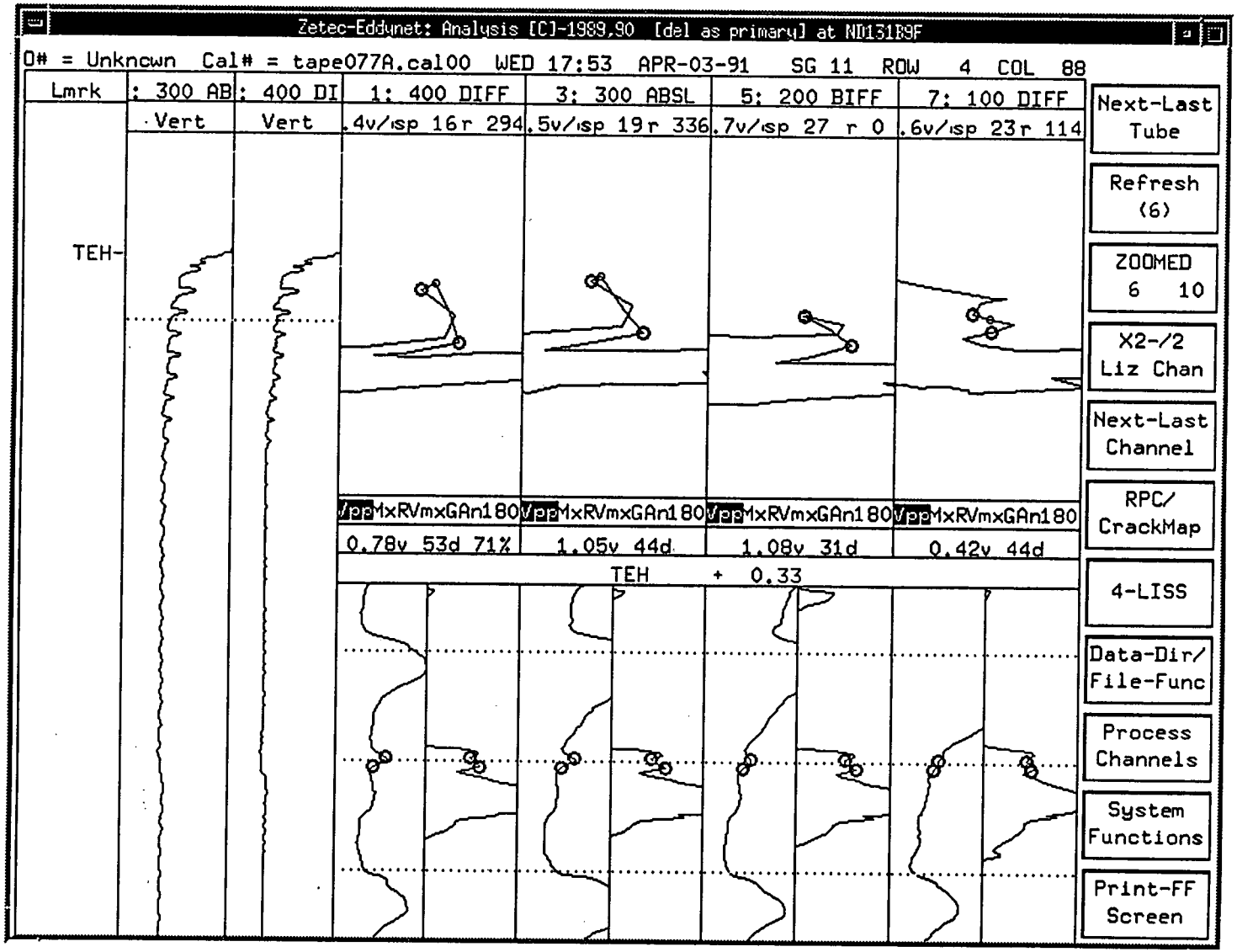

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND13189F
OD# = Unknown Cal# = tape077A.cal00 WED 17:49 APR-03-91 SG 11 ROW 18 COL 87
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
0,87 v/d span 29 rot 294
TEH-
Vpp MxR Vmx GAn 180
3,49 volts 25 deg 89%
TEH + 0,51
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

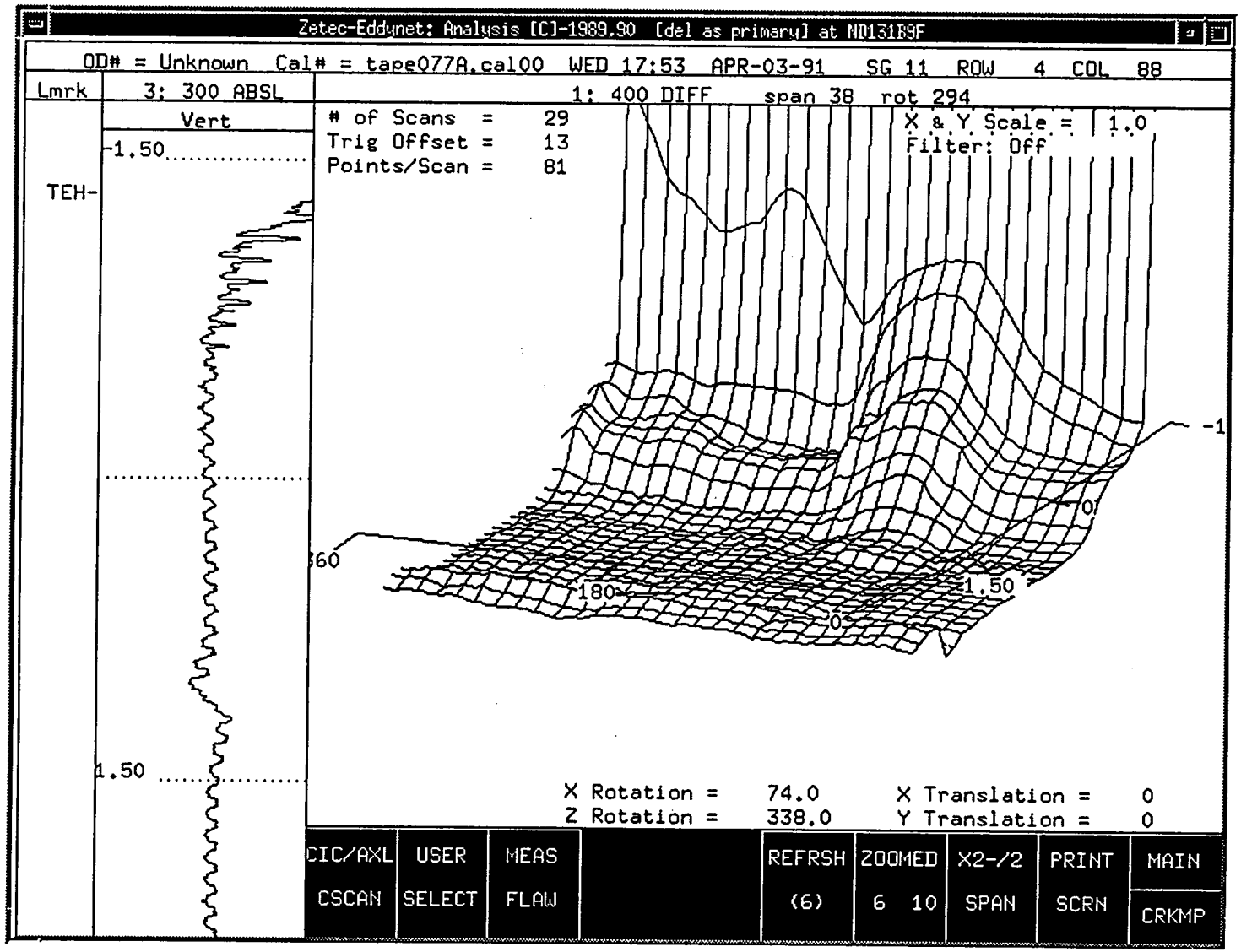

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:49 APR-03-91 SG 11 ROW 18 COL 87
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
6.98 v/d span 233 rot 294
TEH-
Vpp MxR Vmx GAn 180
34.40 volts 1 deg 10%
TEH + 0.48
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

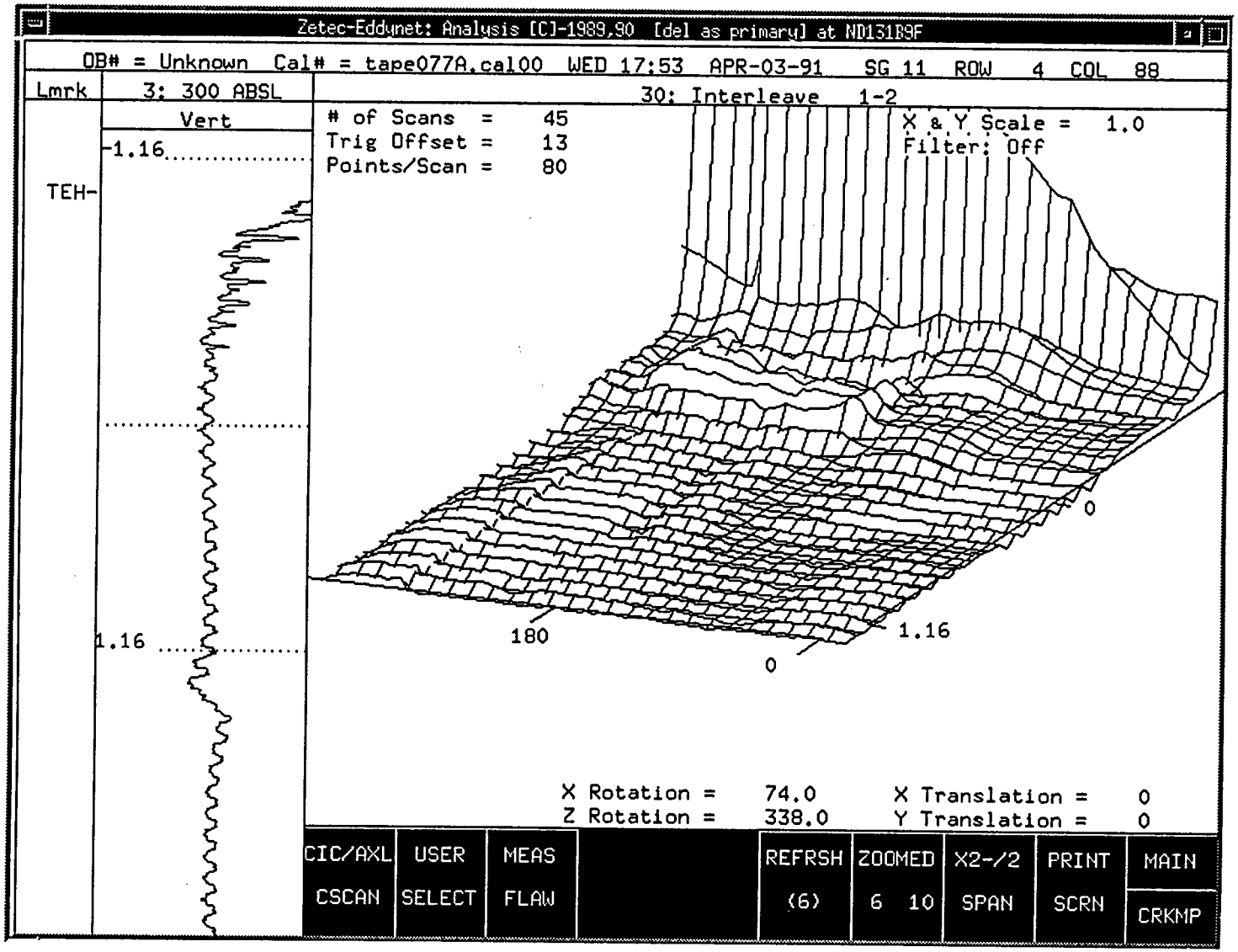

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
O# = Unknown Cal# = tape077A.cal00 WED 17:49 APR-03-91 SG 11 ROW 18 COL 87
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.9v/sp 33r 294
.7v/sp 63r 336
.9v/sp 73 r 0
.2v/sp 47r 114
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
3.49v 25d 89%
5.23v 22d
6.04v 16d
2.56v 19d
TEH + 0.51
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

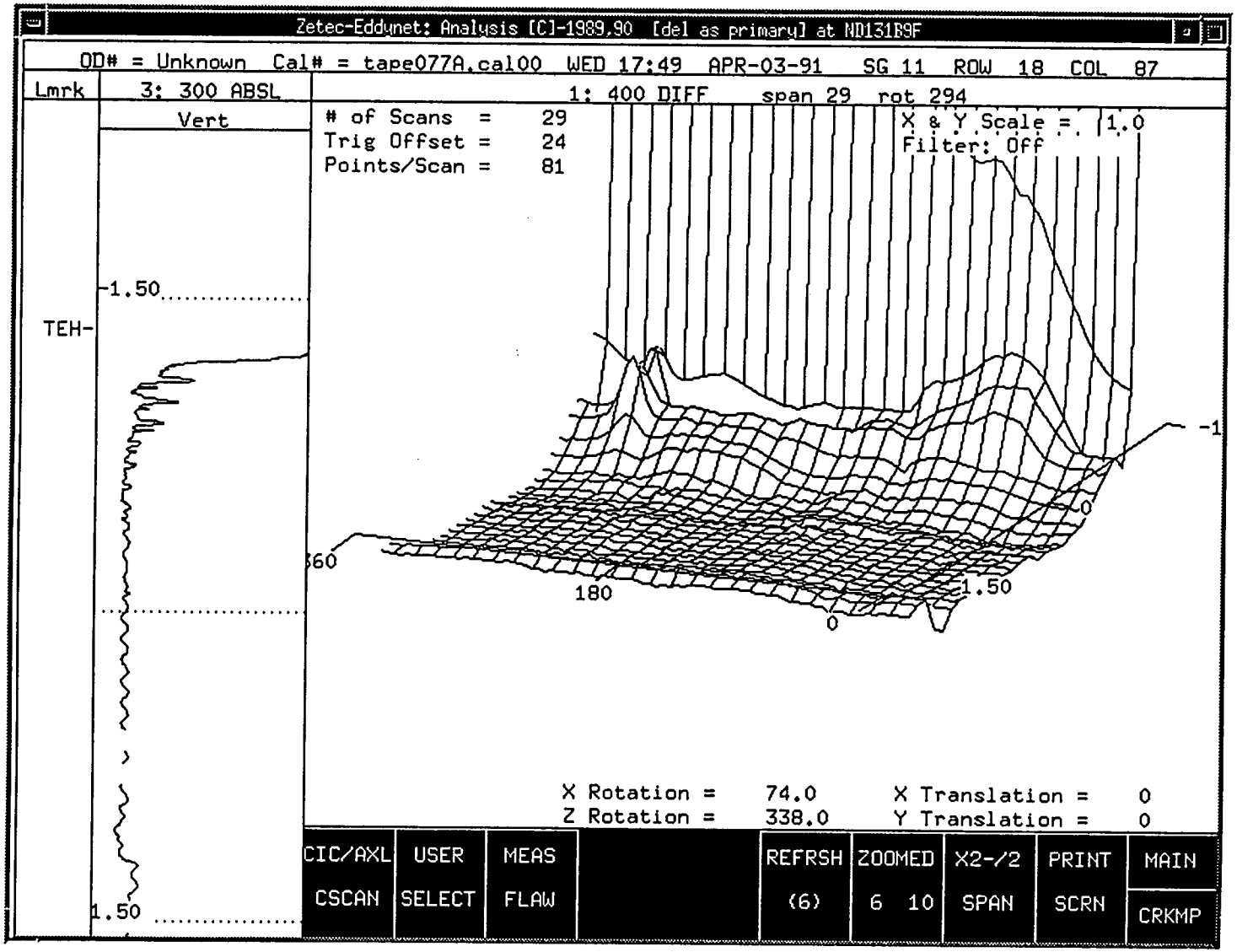

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131R9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:53 APR-03-91 SG 11 ROW 4 COL 88
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.14 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
2.63 volts 12 deg 99%
TEH + 0.48
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

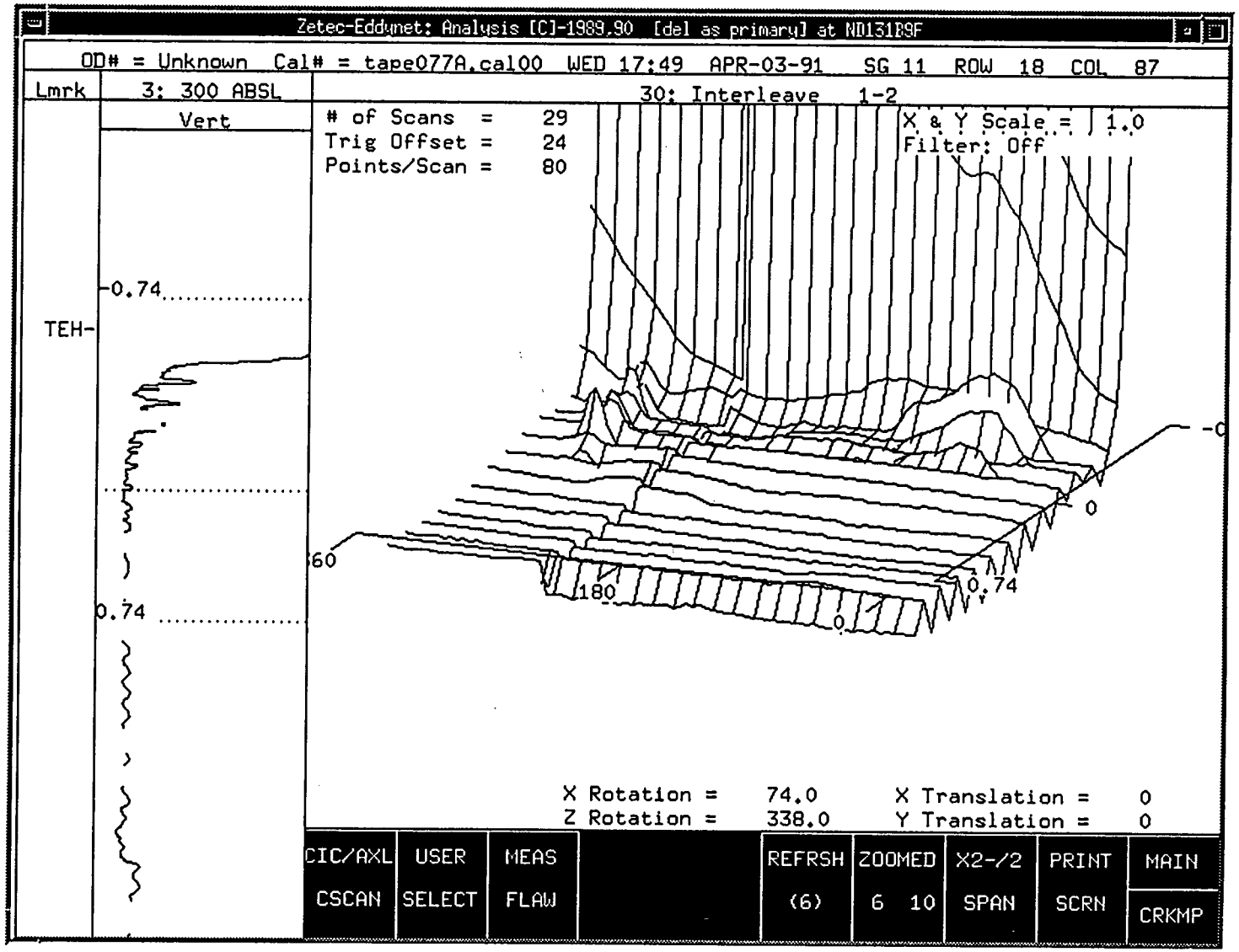

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:53 APR-03-91 SG 11 ROW 4 COL 88
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.56 v/d span 152 rot 294
TEH-
Vas MxR Vmx GAn 180
40.78 volts 2 deg 20%
TEH + 0.48
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

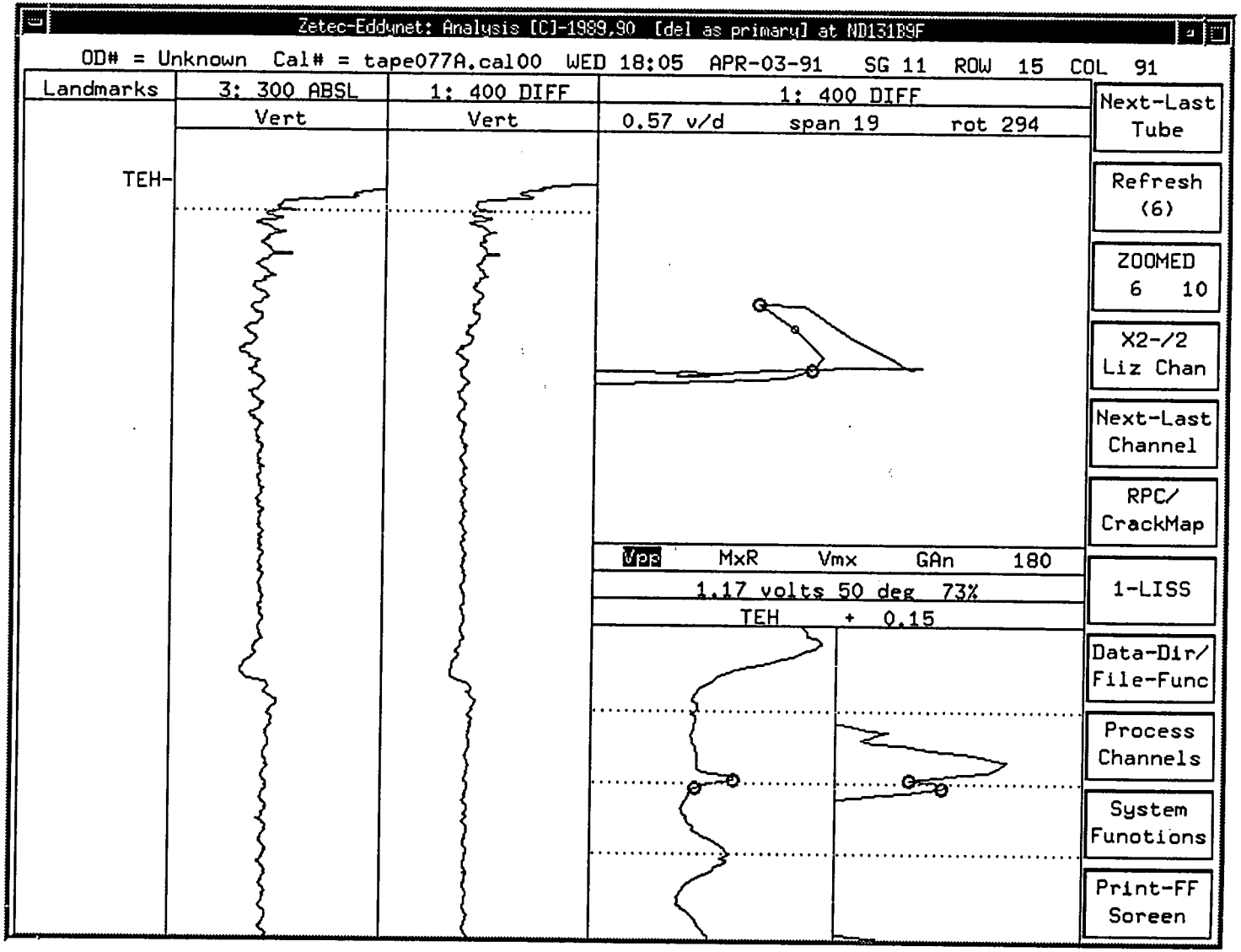

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
O# = Unknown Cal# = tape077A.cal00 WED 17:53 APR-03-91 SG 11 ROW 4 COL 88
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 BIFF
7: 100 DIFF
Vert
Vert
.4v/sp 16r 294
.5v/sp 19r 336
.7v/sp 27 r 0
.6v/sp 23r 114
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
0.78v 53d 71%
1.05v 44d
1.08v 31d
0.42v 44d
TEH + 0.33
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

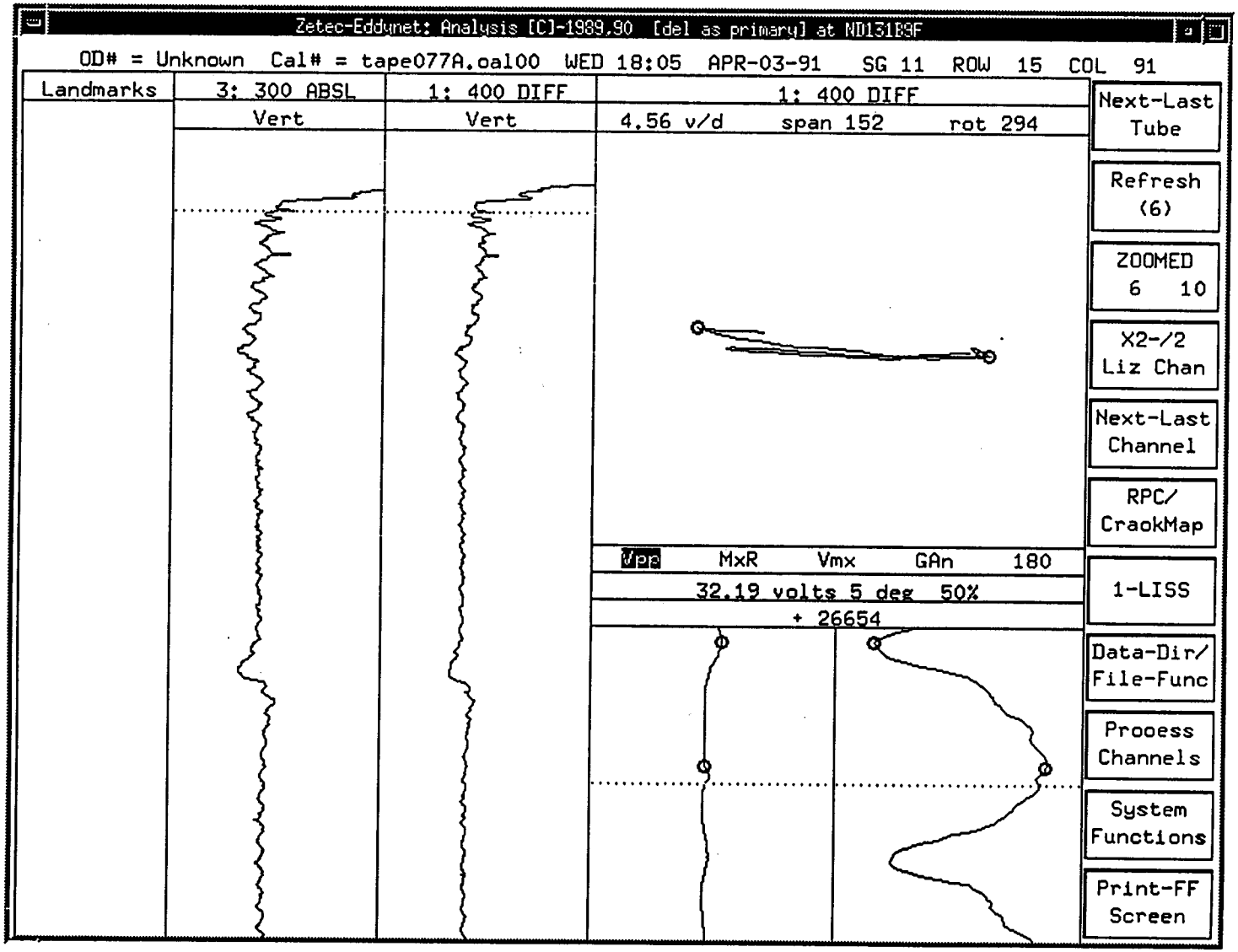

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:53 APR-03-91 SG 11 ROW 4 COL 88
Lmrk
3: 300 ABSL
Vert
1.50
TEH-
1.50
1: 400 DIFF span 38 rot 294
# of Scans = 29
Trig Offset = 13
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
-1
0
360
180
0
1.50
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

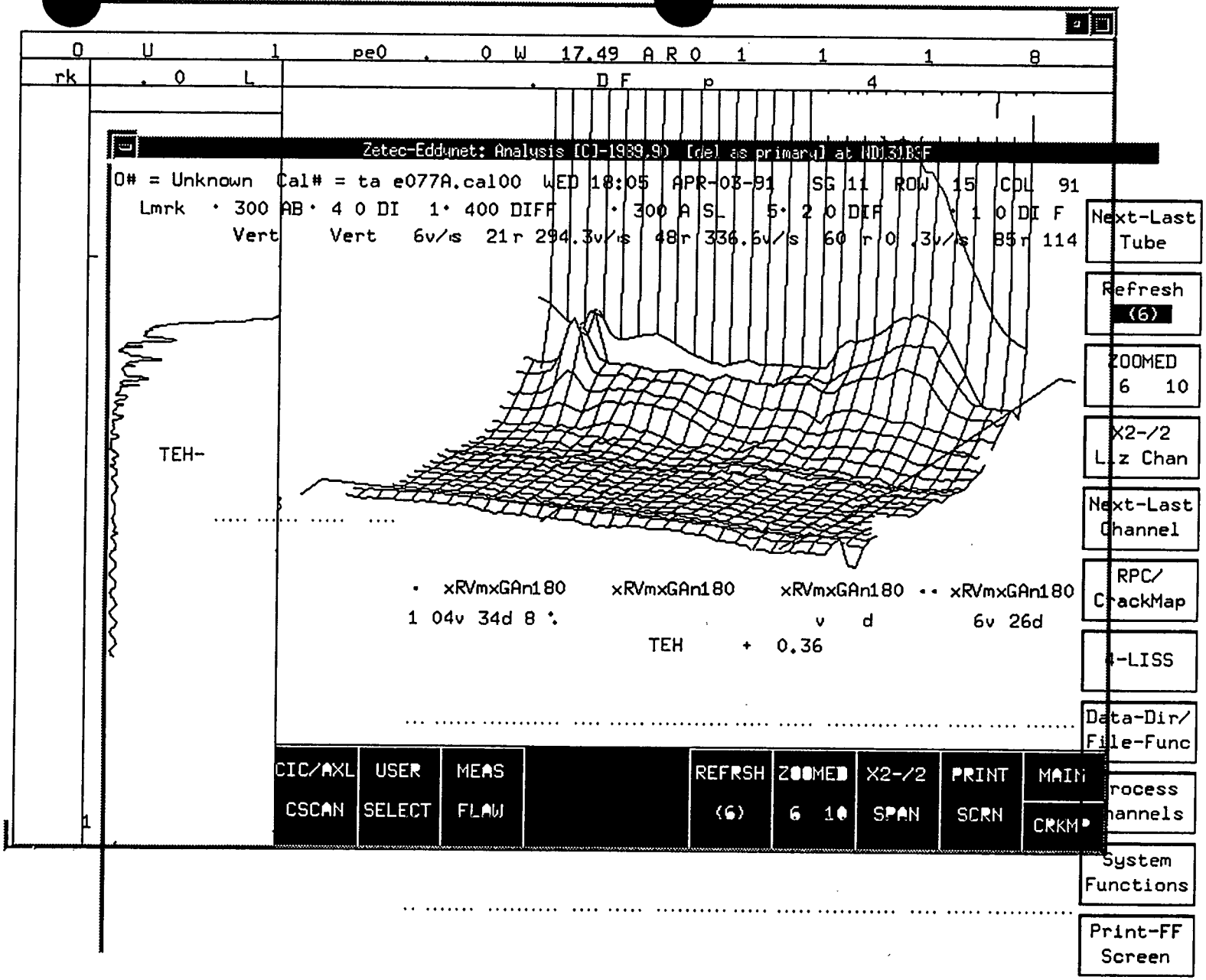

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OB# = Unknown Cal# = tape077A.cal00 WED 17:53 APR-03-91 SG 11 ROW 4 COL 88
Lmrk
3: 300 ABSL
Vert
30: Interleave 1-2
# of Scans = 45
Trig Offset = 13
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
-1.16
TEH-
1.16
180
0
1.16
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

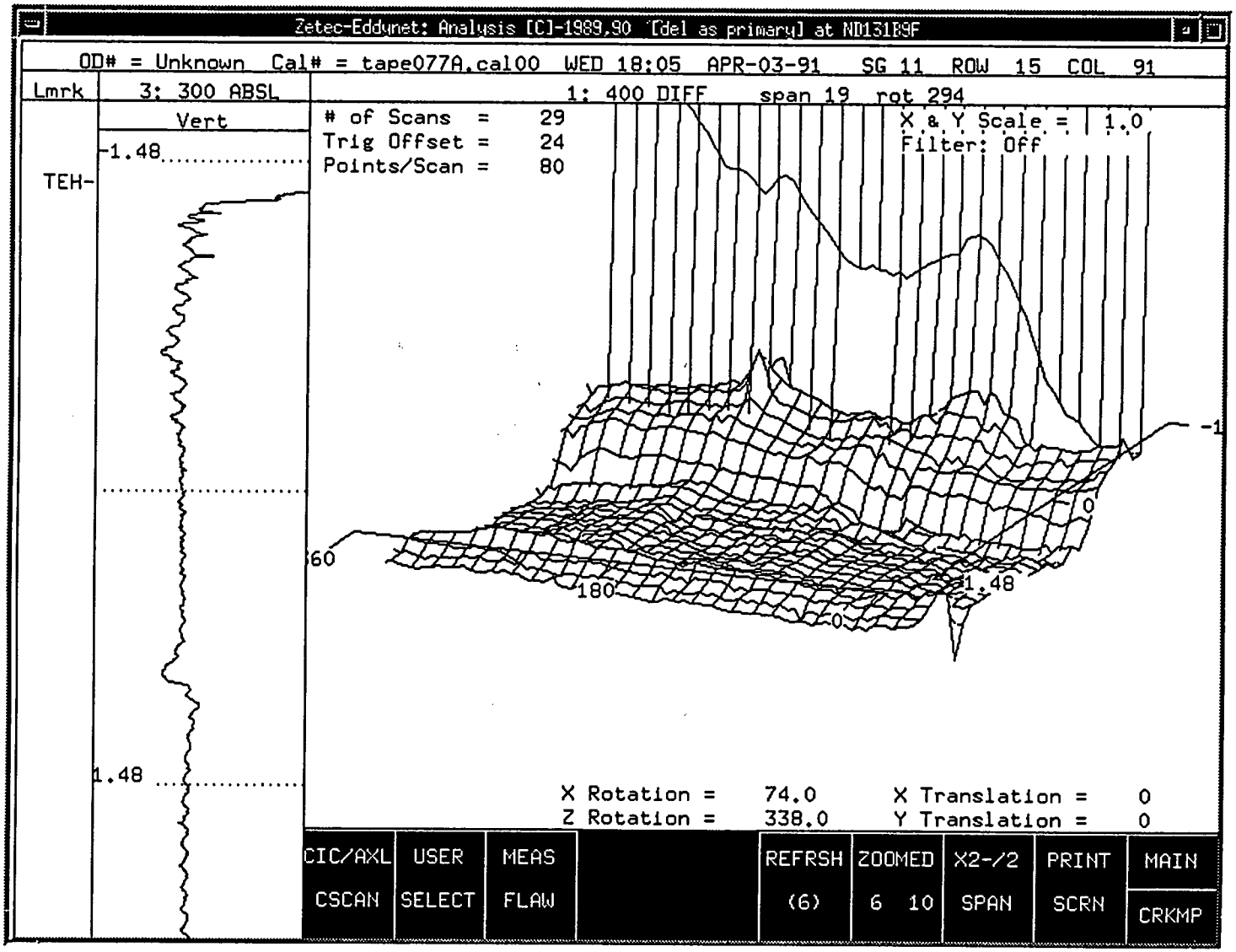

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at WD131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:49 APR-03-91 SG 11 ROW 18 COL 87
Lmrk
3: 300 ABSL
Vert
1: 400 DIFF span 29 rot 294
# of Scans = 29
Trig Offset = 24
Points/Scan = 81
X & Y Scale = 1.0
Filter: Off
1.50
TEH-
1.50
360
180
0
1.50
0
-1
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

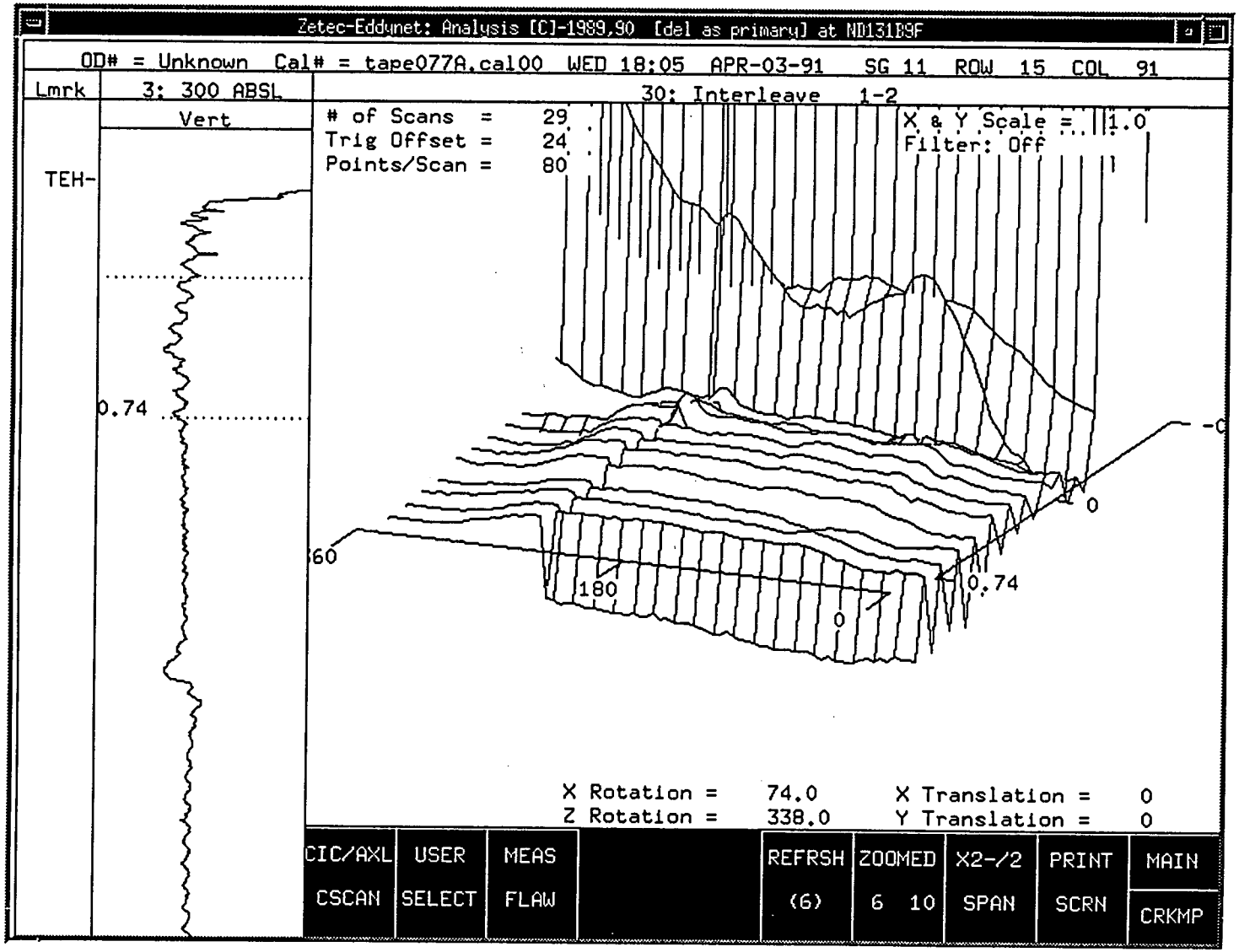

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:49 APR-03-91 SG 11 ROW 18 COL 87
Lmrk
3: 300 ABSL
Vert
30: Interleave 1-2
# of Scans = 29
Trig Offset = 24
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
-0.74
TEH-
0.74
60
180
0
0.74
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

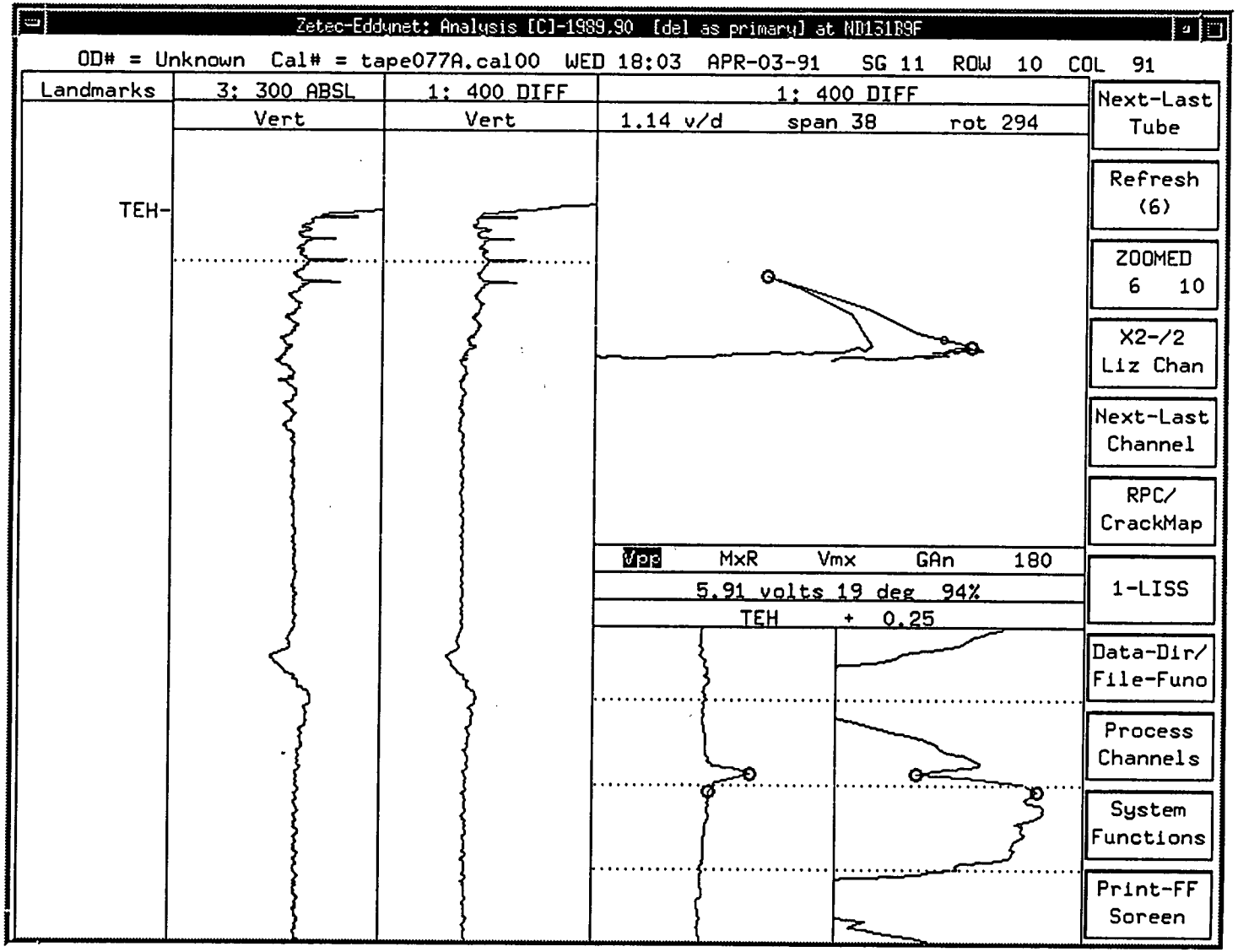

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 18:05 APR-03-91 SG 11 ROW 15 COL 91
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
0.57 v/d span 19 rot 294
TEH-
Vpp MxR Vmx GAn 180
1.17 volts 50 deg 73%
TEH + 0.15
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Funotions
Print-FF Soreen

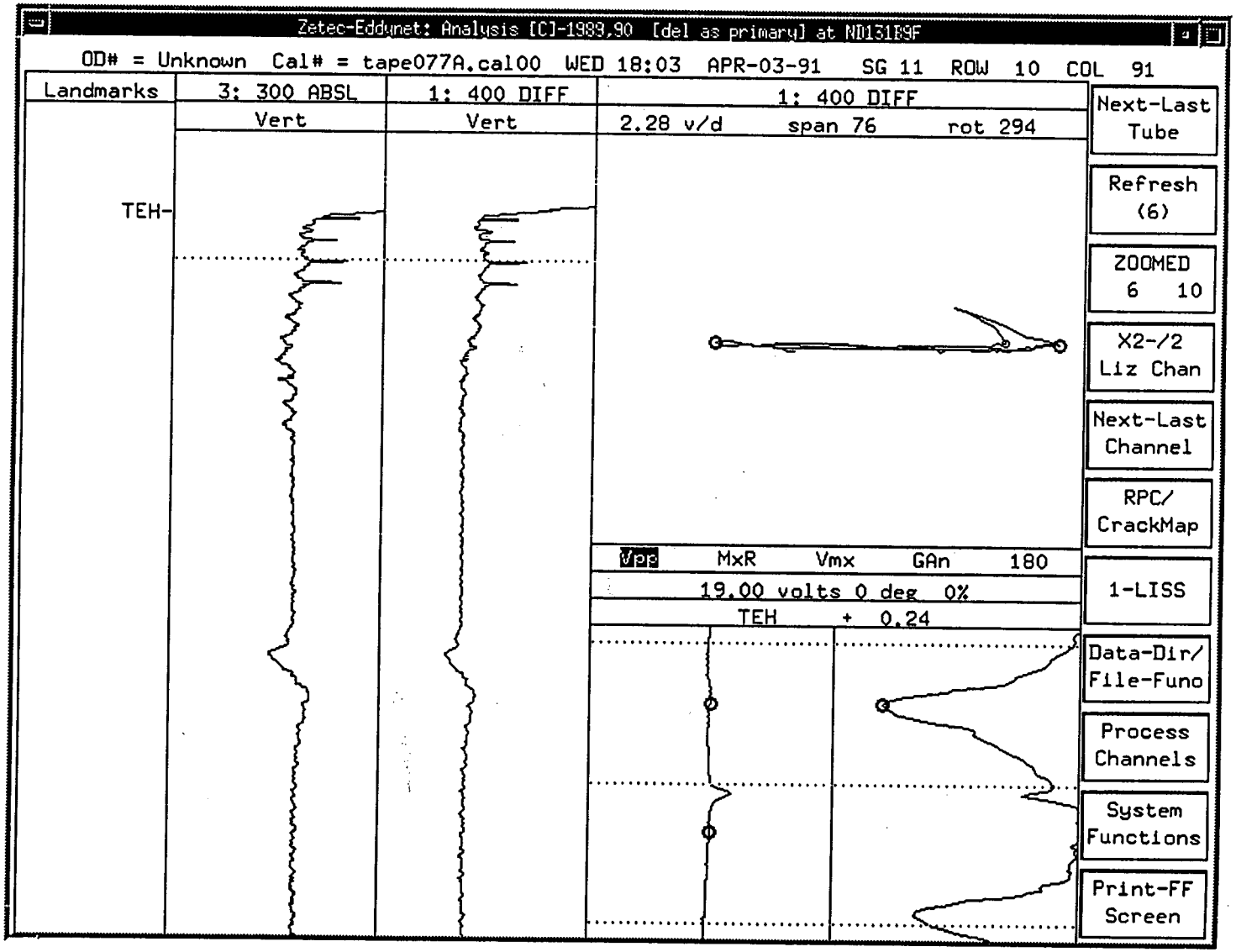

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape077A.oal00 WED 18:05 APR-03-91 SG 11 ROW 15 COL 91
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.56 v/d span 152 rot 294
Vpp MxR Vmx GAn 180
32.19 volts 5 deg 50%
+ 26654
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

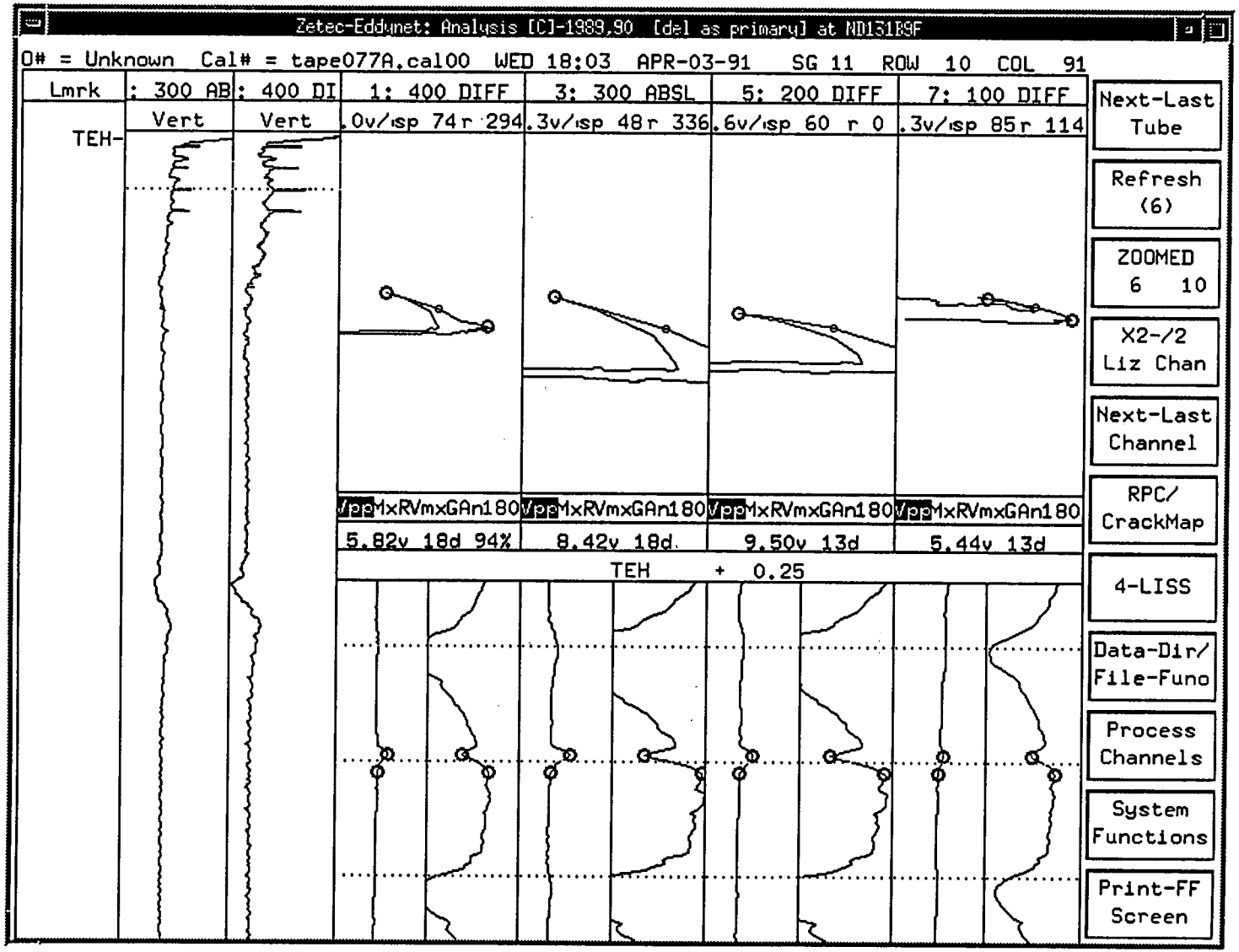

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at NDJ3JB3F
O# = Unknown Cal# = ta e077A.cal00 WED 18:05 APR-03-91 SG 11 ROW 15 COL 91
Lmrk • 300 AB• 4 0 DI 1• 400 DIFF • 300 A SL 5• 2 0 DIF • 1 0 DI F
Vert Vert 6v/s 21r 294.3v/s 48r 336.6v/s 60 r 0 .3v/s 85r 114
TEH-
• xRVmxGAn180 xRVmxGAn180 xRVmxGAn180 •• xRVmxGAn180
1 04v 34d 8 v d 6v 26d
TEH + 0.36
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKM•
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Lz Chan
Next-Last Channel
RPC/ CrackMap
-LISS
Data-Dir/ File-Func
rocess hannels
System Functions
Print-FF Screen

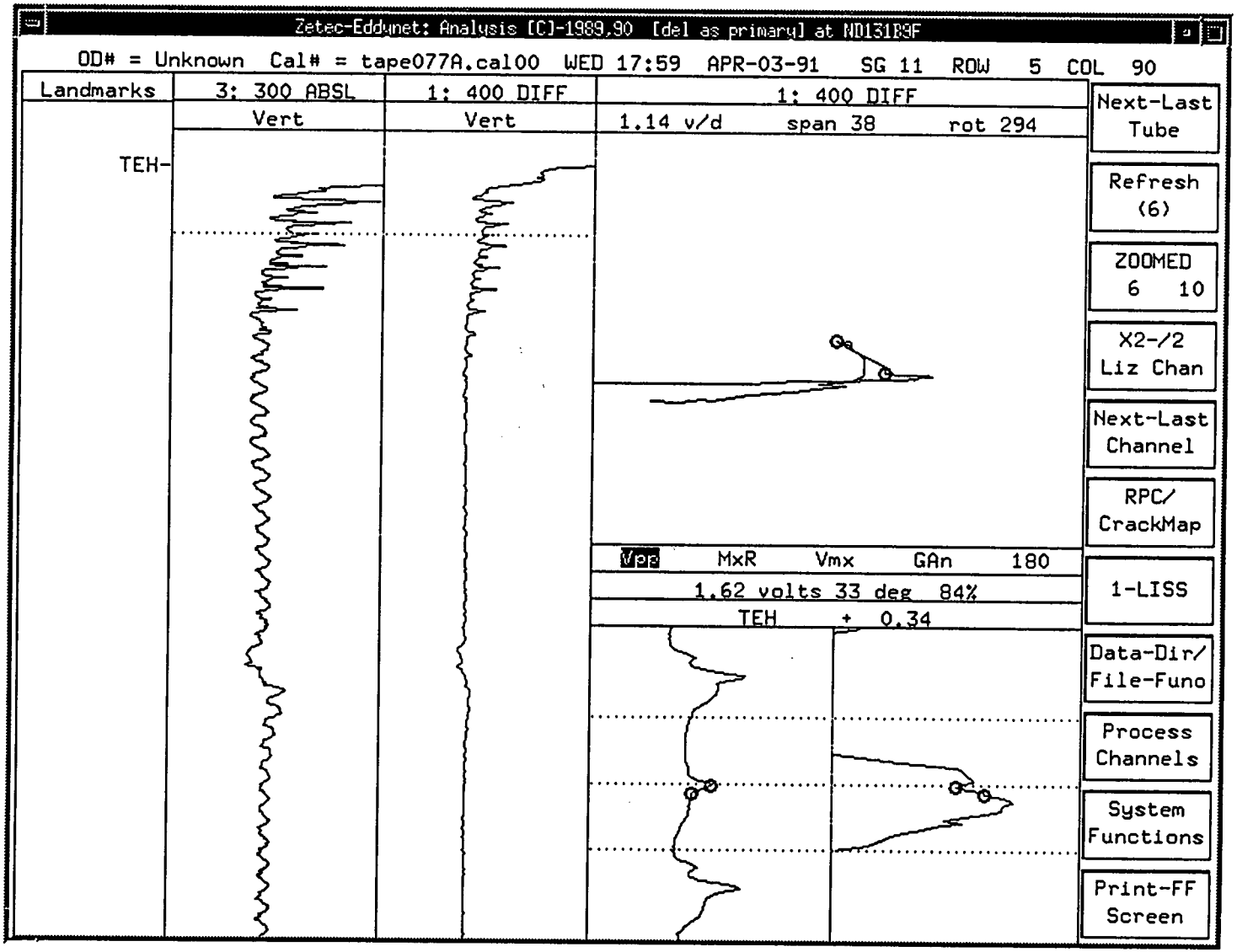

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 18:05 APR-03-91 SG 11 ROW 15 COL 91
Lmrk
3: 300 ABSL
1: 400 DIFF span 19 rot 294
Vert
-1.48
TEH-
1.48
# of Scans = 29
Trig Offset = 24
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
1.48
-1
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

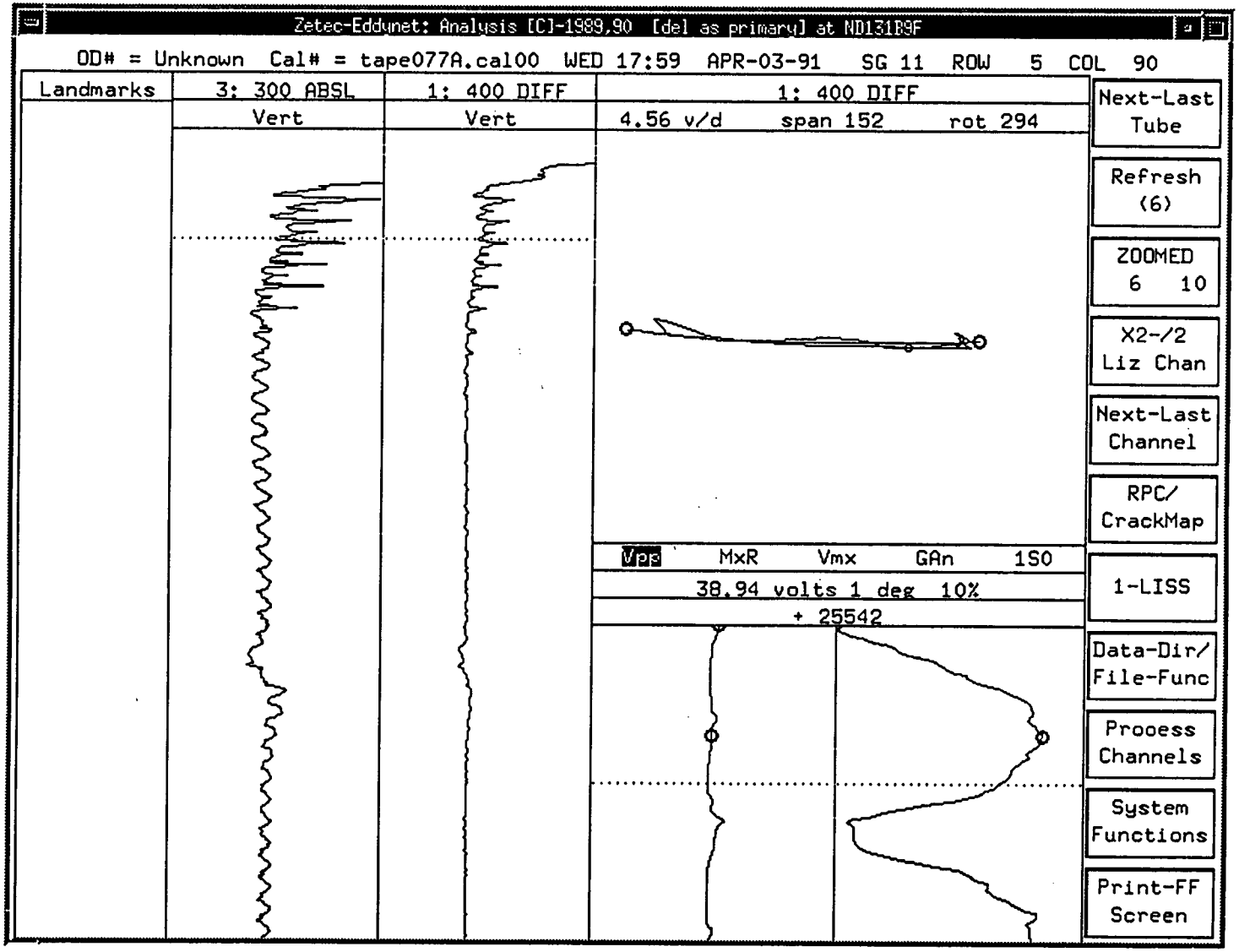

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 18:05 APR-03-91 SG 11 ROW 15 COL 91
Lmrk
3: 300 ABSL
Vert
TEH-
0.74
30: Interleave 1-2
# of Scans = 29
Trig Offset = 24
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
0.74
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

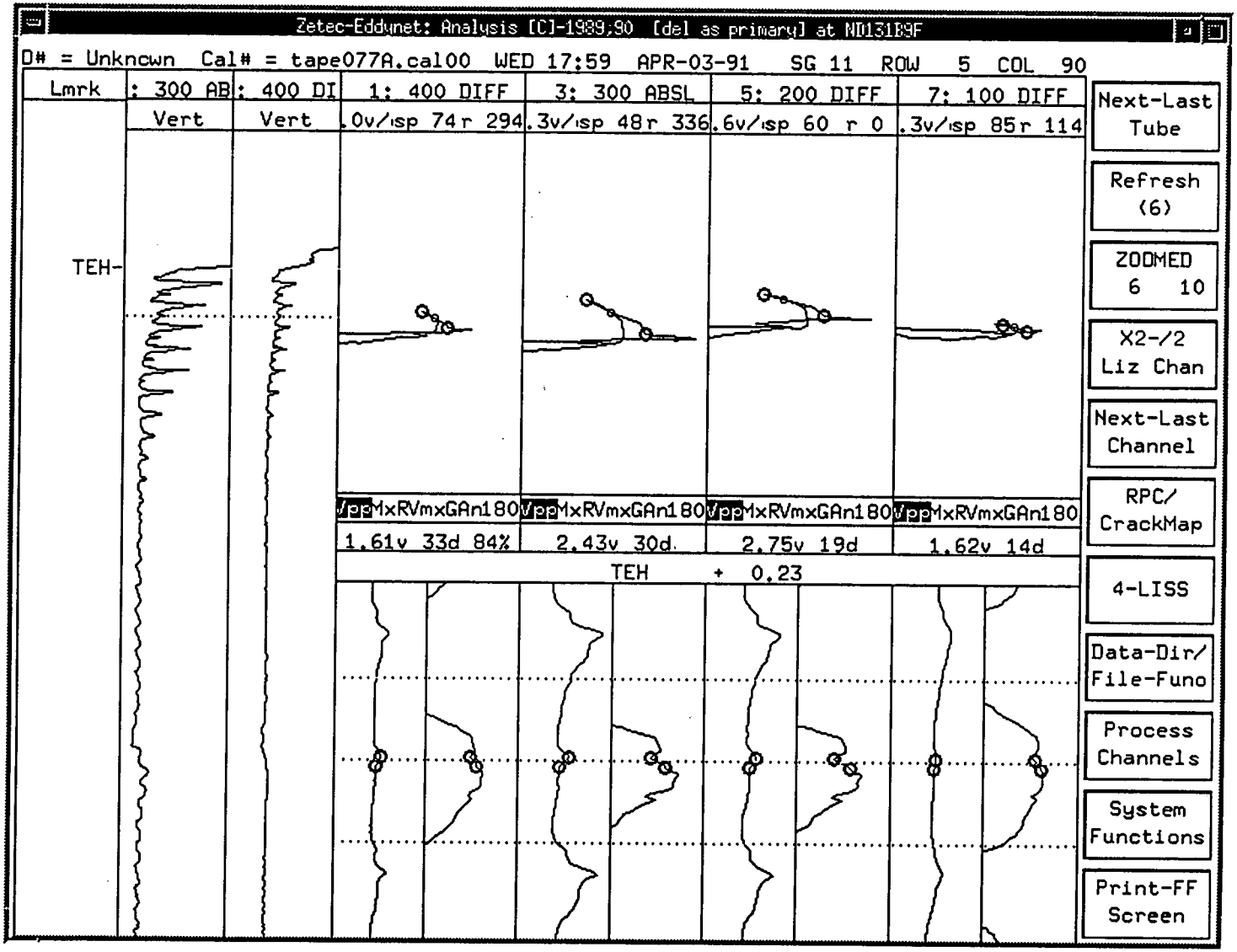

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND151B9F
OD# = Unknown Cal# = tape077A.cal00 WED 18:03 APR-03-91 SG 11 ROW 10 COL 91
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.14 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
5.91 volts 19 deg 94%
TEH + 0.25
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Soreen

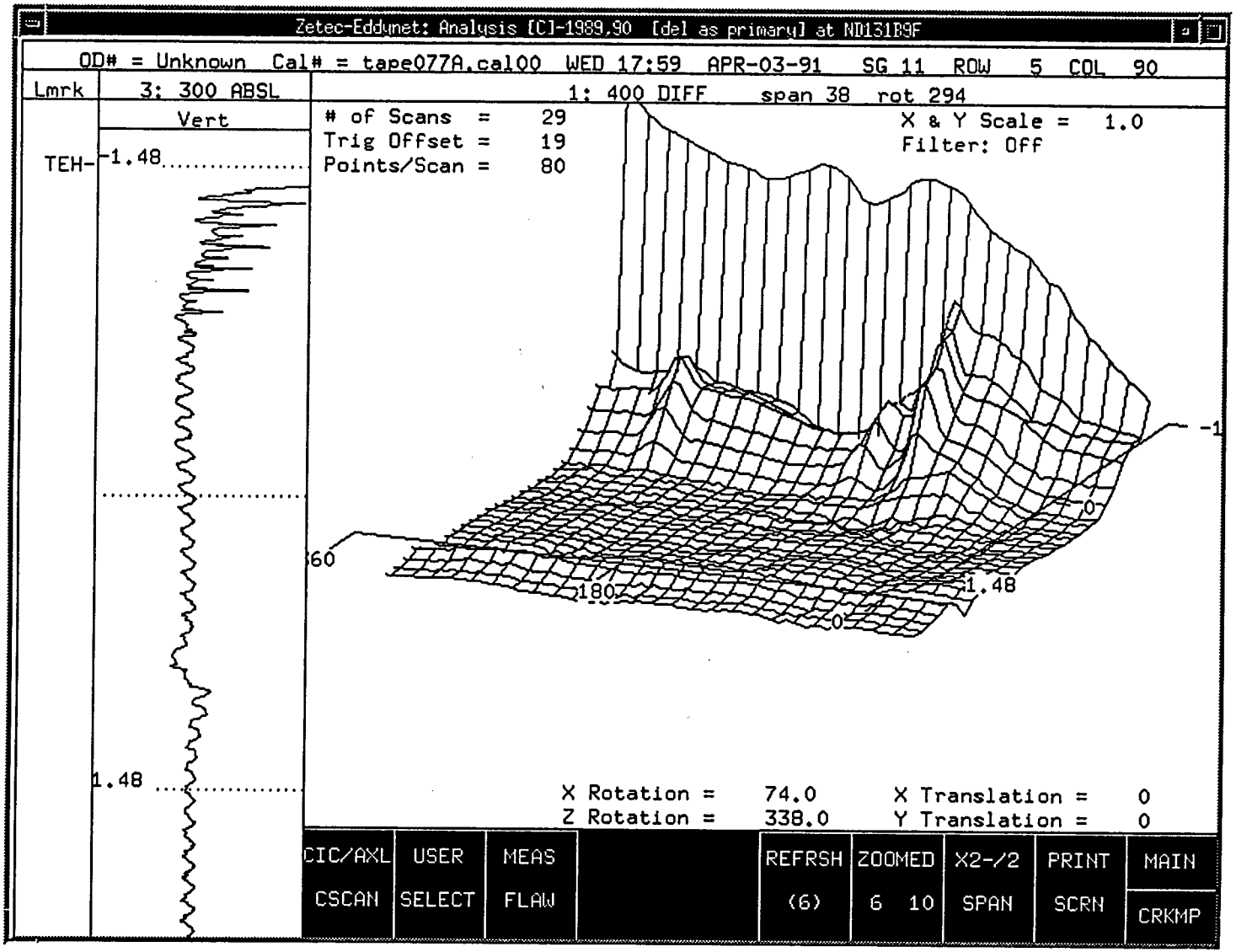

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 18:03 APR-03-91 SG 11 ROW 10 COL 91
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
2.28 v/d span 76 rot 294
TEH-
Vpp MxR Vmx GAn 180
19.00 volts 0 deg 0%
TEH + 0.24
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

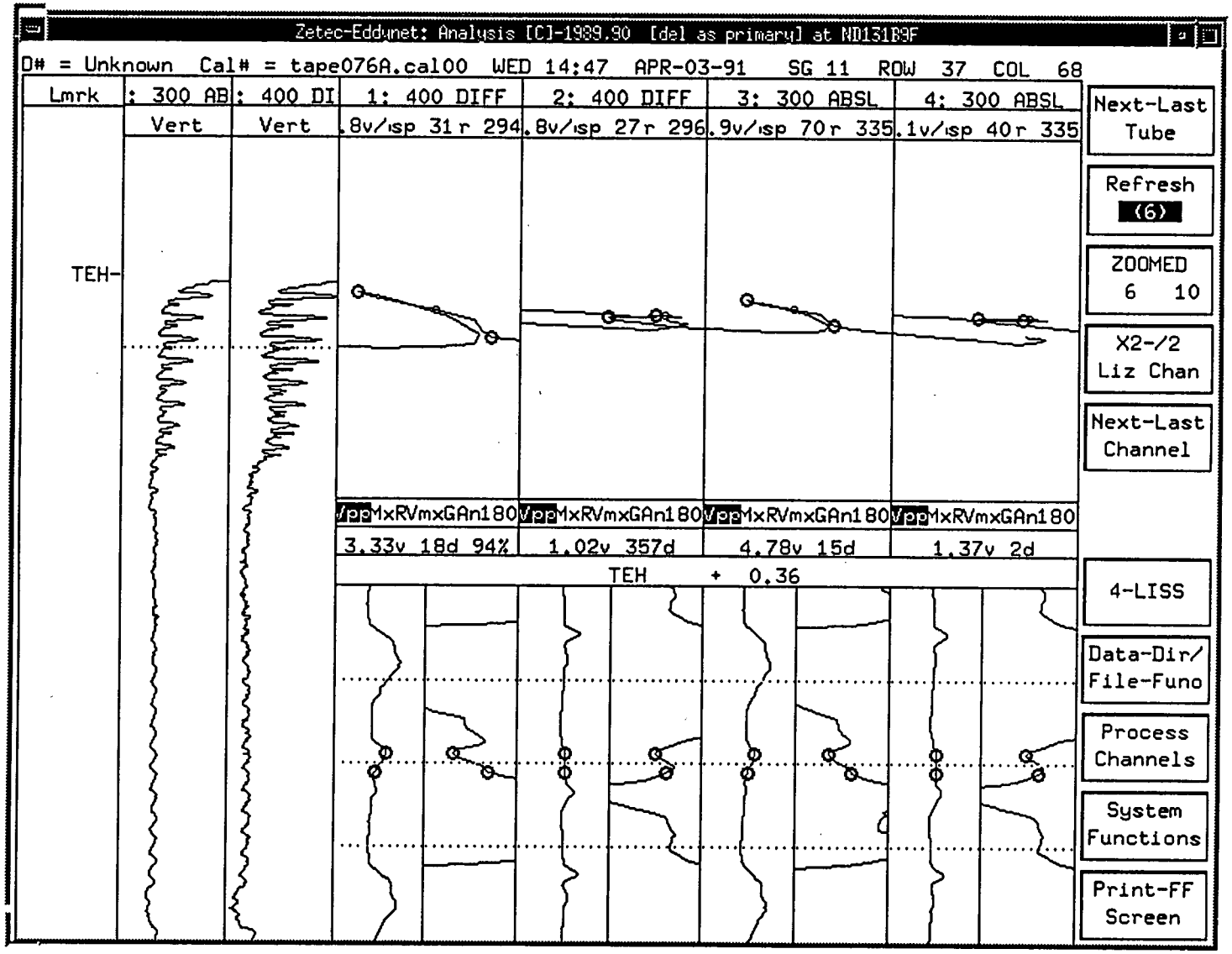

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND151B9F
O# = Unknown Cal# = tape077A.cal00 WED 18:03 APR-03-91 SG 11 ROW 10 COL 91
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.0v/sp 74 r 294
.3v/sp 48 r 336
.6v/sp 60 r 0
.3v/sp 85 r 114
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
5.82v 18d 94%
8.42v 18d
9.50v 13d
5.44v 13d
TEH + 0.25
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

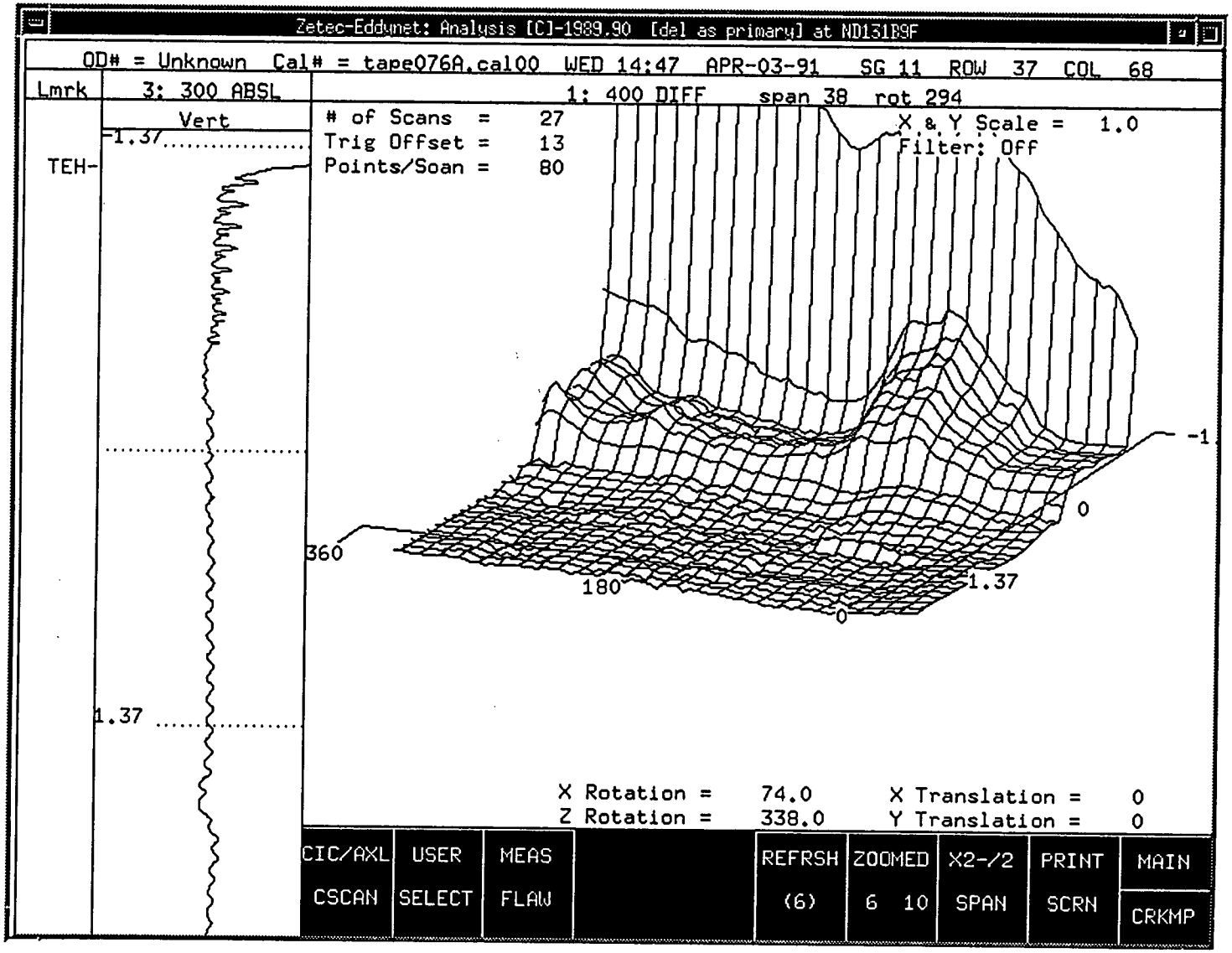

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B3F
OD# = Unknown Cal# = tape077A.cal00 WED 17:59 APR-03-91 SG 11 ROW 5 COL 90
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.14 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
1.62 volts 33 deg 84%
TEH + 0.34
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

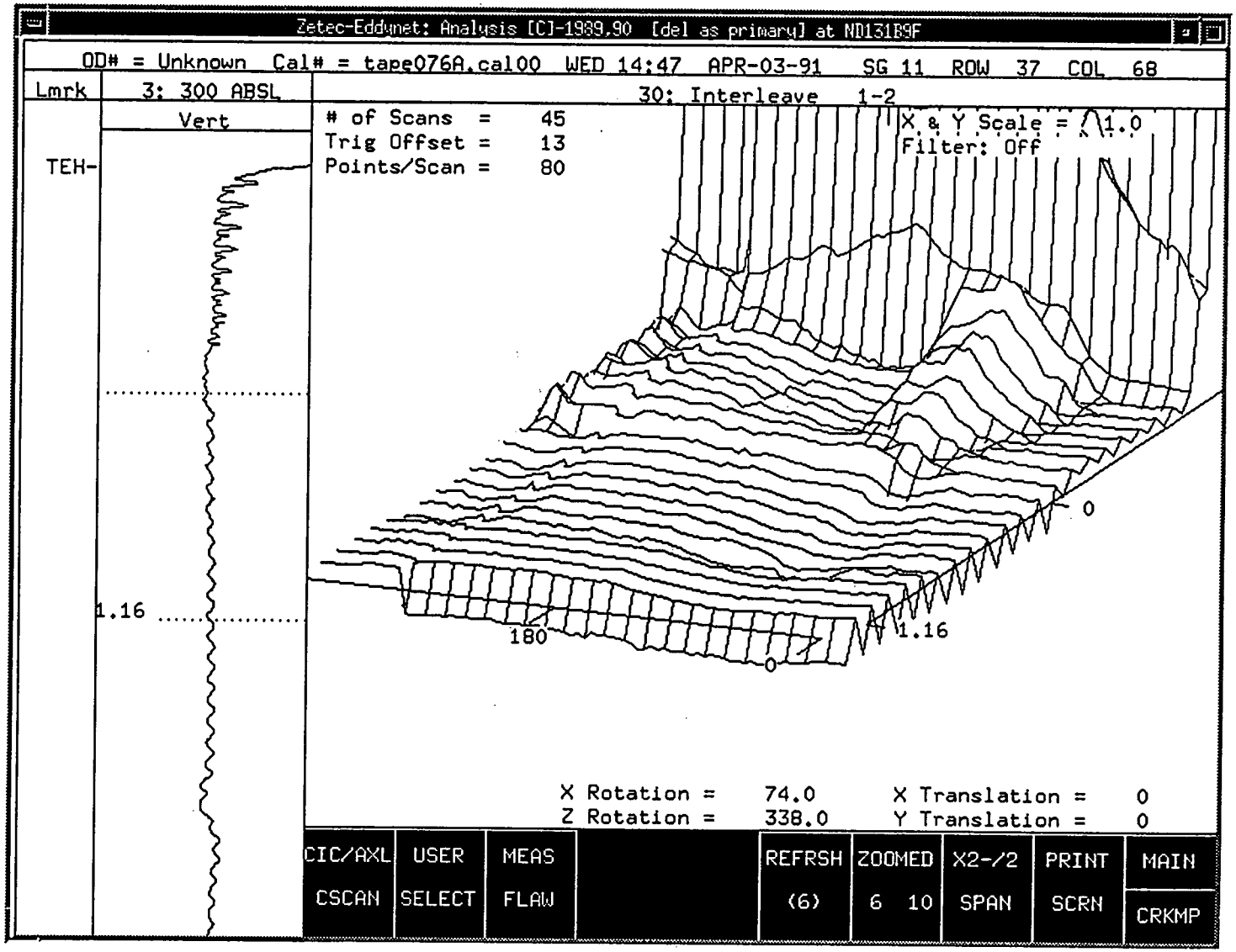

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:59 APR-03-91 SG 11 ROW 5 COL 90
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.56 v/d span 152 rot 294
Vps MxR Vmx GAn 1S0
38.94 volts 1 deg 10%
+ 25542
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

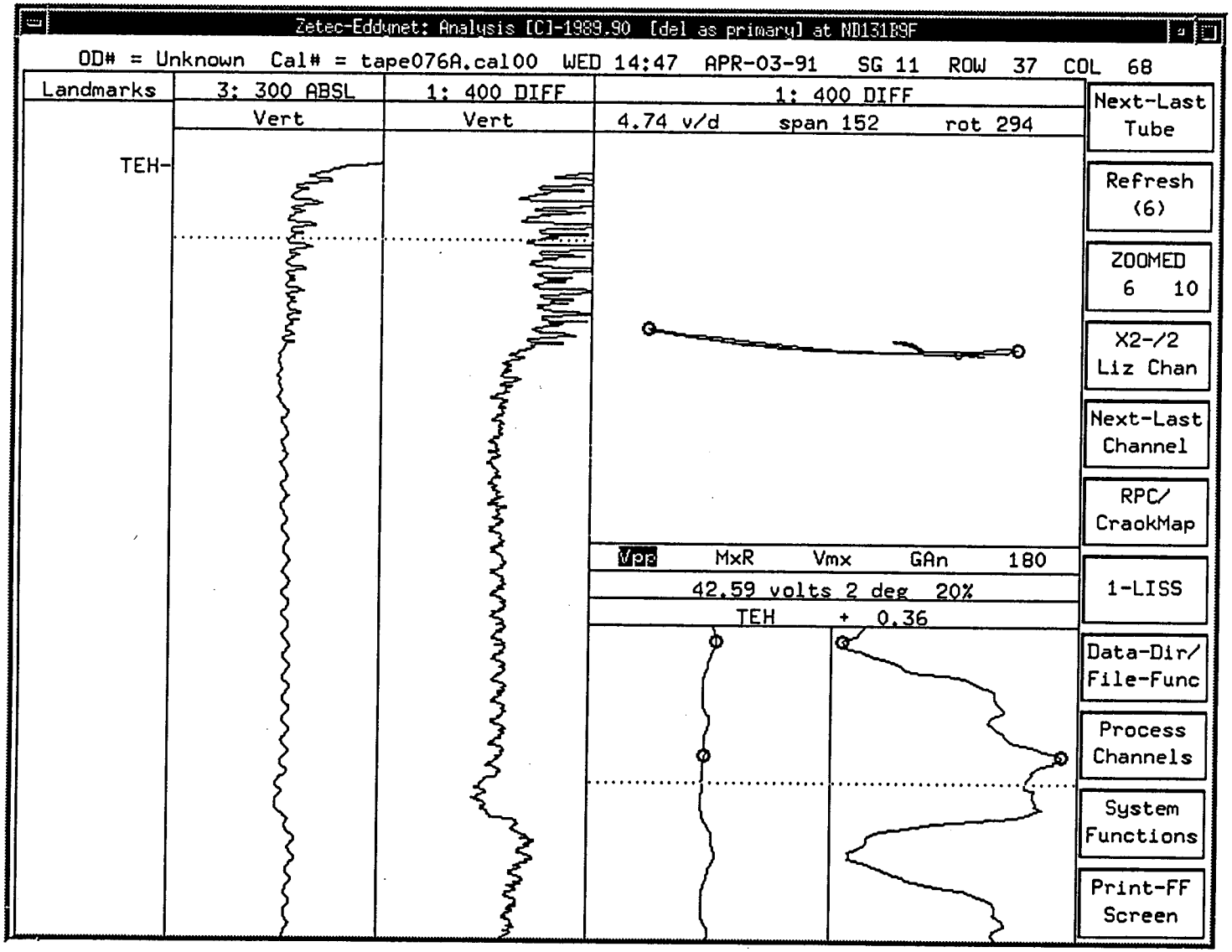

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
D# = Unknown Cal# = tape077A.cal00 WED 17:59 APR-03-91 SG 11 ROW 5 COL 90
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.0v/sp 74 r 294
.3v/sp 48 r 336
.6v/sp 60 r 0
.3v/sp 85 r 114
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
1.61v 33d 84%
2.43v 30d
2.75v 19d
1.62v 14d
TEH + 0.23
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

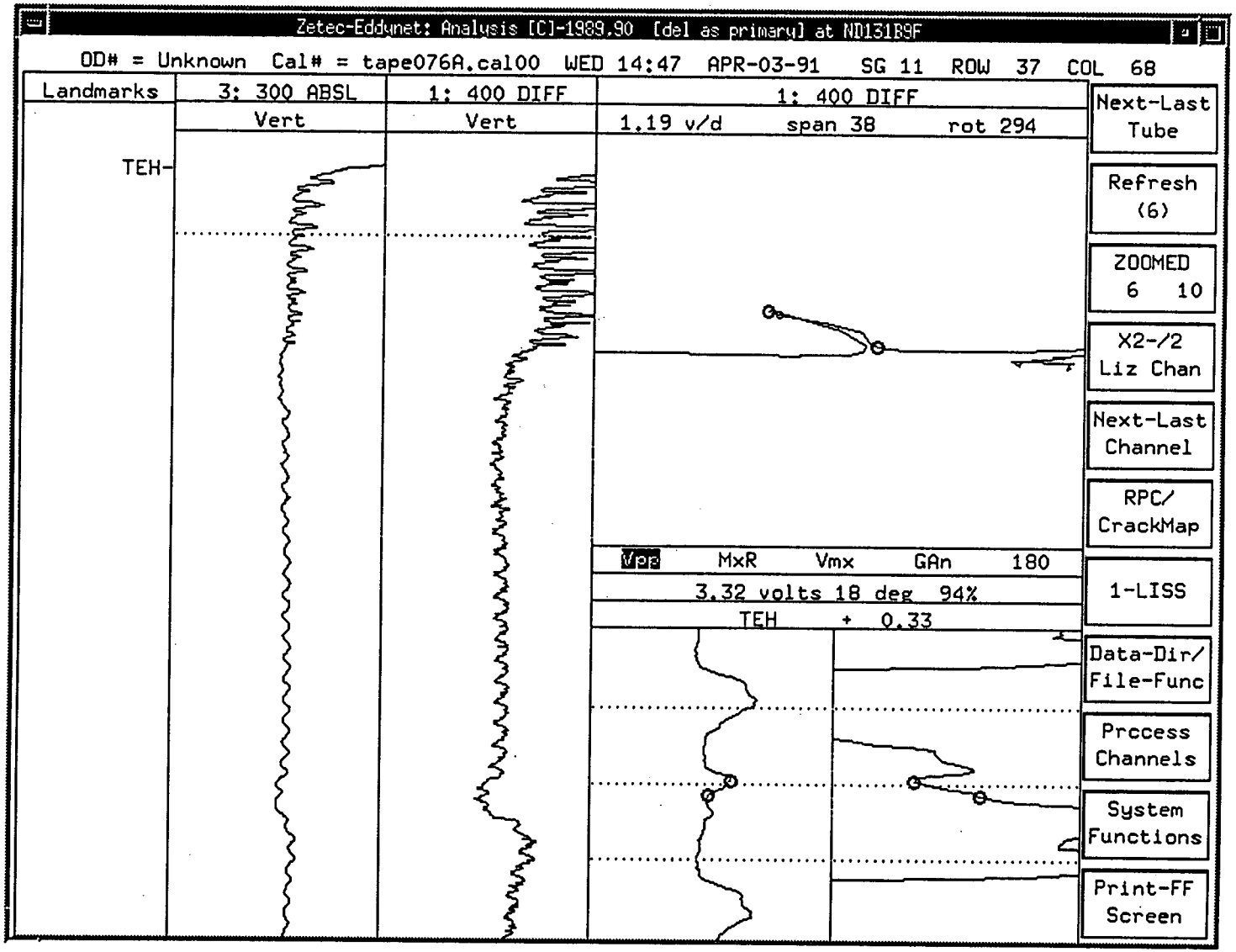

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:59 APR-03-91 SG 11 ROW 5 COL 90
Lmrk
3: 300 ABSL
Vert
TEH-
1.48
1.48
1: 400 DIFF span 38 rot 294
# of Scans = 29
Trig Offset = 19
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
1.48
0
-1
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

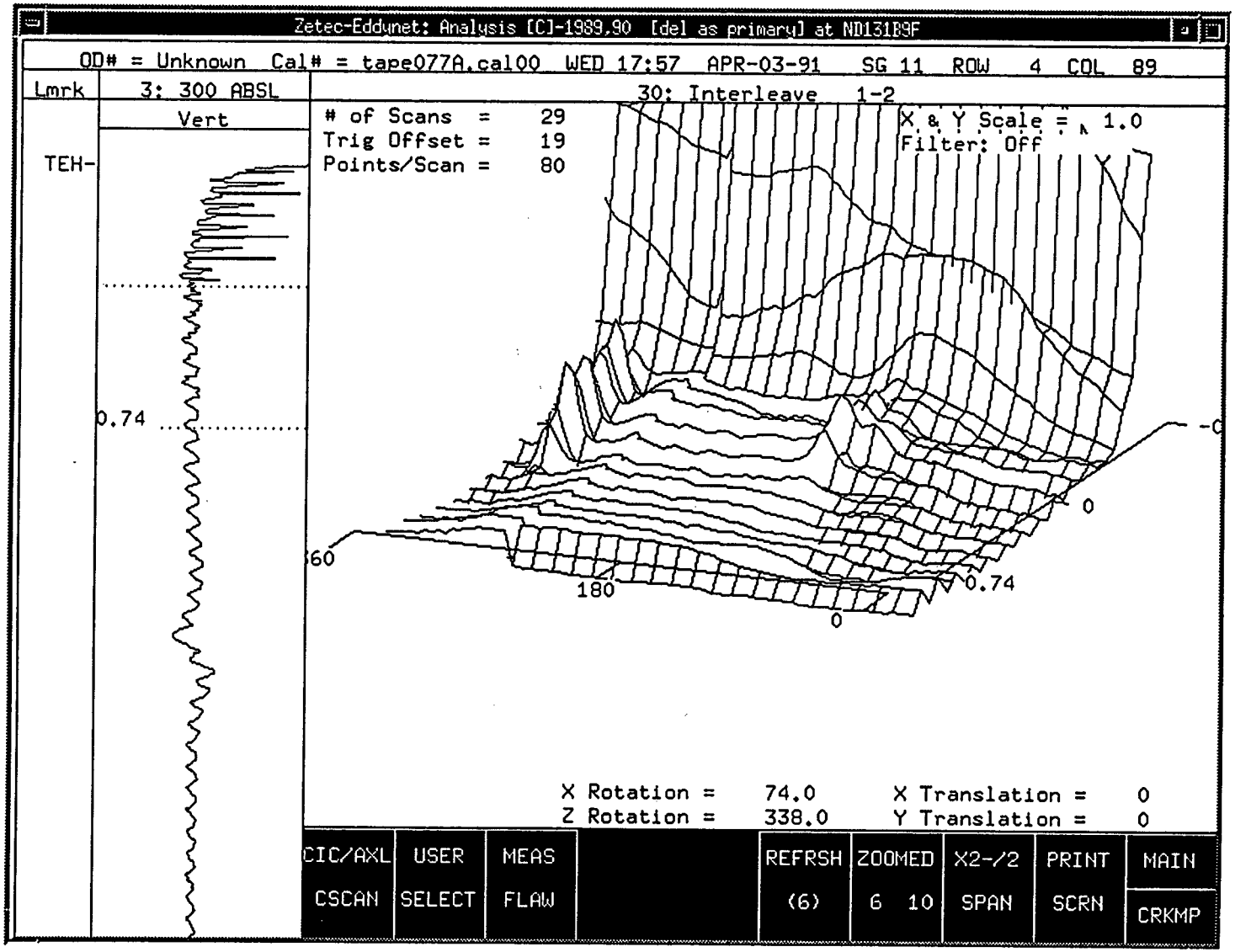

Zetec-Eddynet: Analysis [C]-1999.90 [del as primary] at ND131B3F
D# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
2: 400 DIFF
3: 300 ABSL
4: 300 ABSL
Vert
Vert
.8v/sp 31r 294
.8v/sp 27r 296
.9v/sp 70r 335
.1v/sp 40r 335
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
3.33v 18d 94%
1.02v 357d
4.78v 15d
1.37v 2d
TEH + 0.36
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
4-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

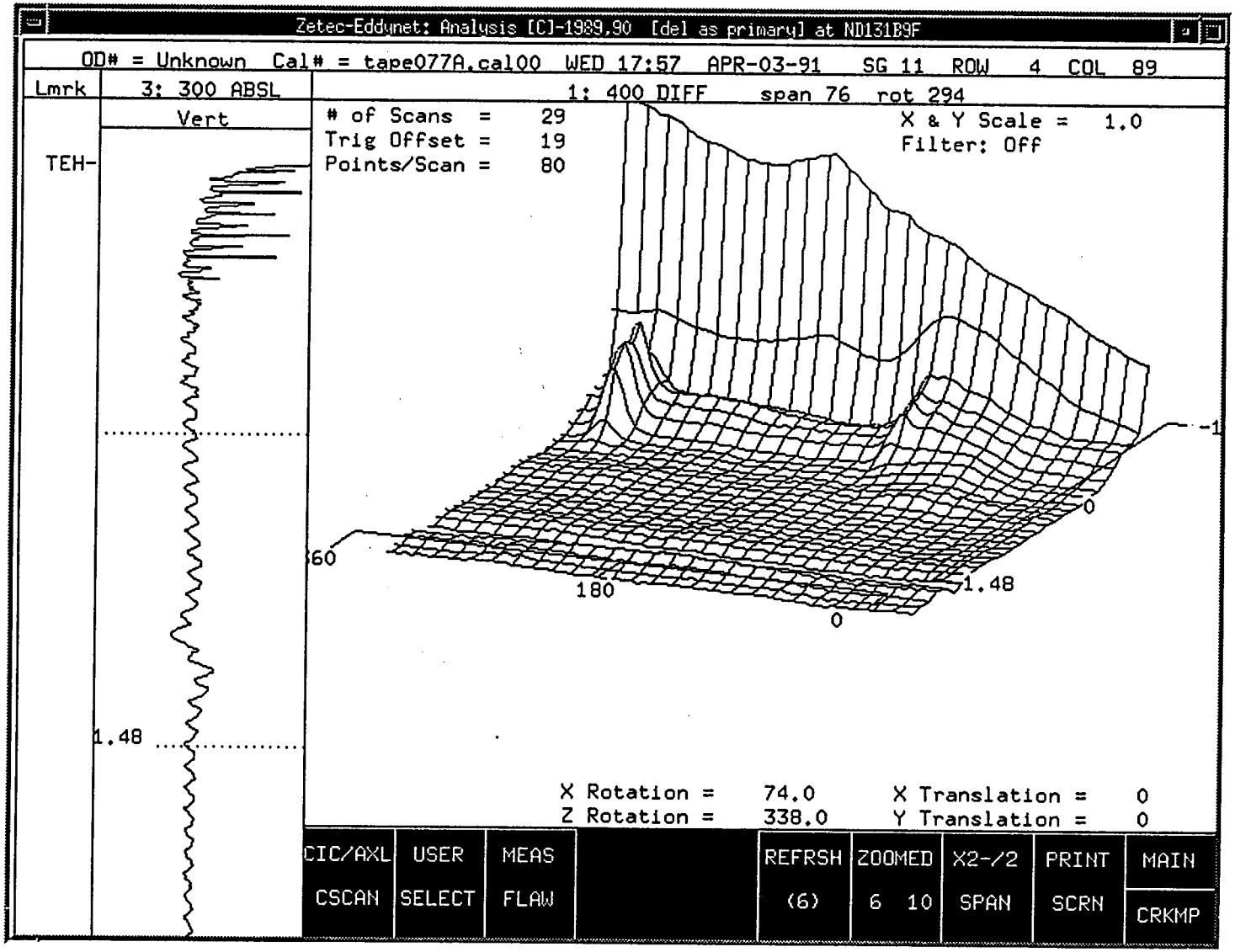

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Lmrk
3: 300 ABSL
Vert
1.37
TEH-
1.37
1: 400 DIFF span 38 rot 294
# of Scans = 27
Trig Offset = 13
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
-1
0
360
180
0
1.37
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

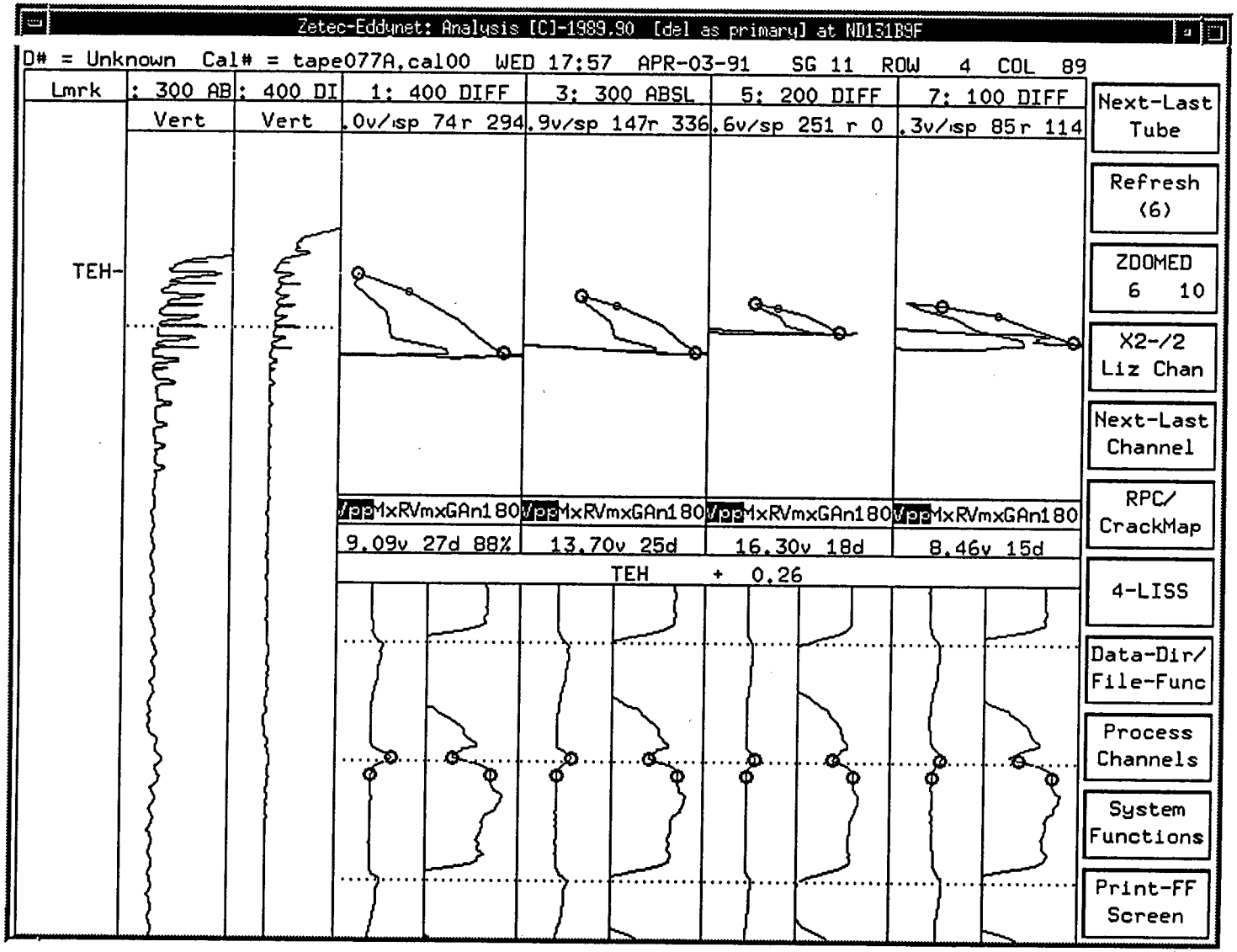

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Lmrk
3: 300 ABSL
Vert
TEH-
1.16
30: Interleave 1-2
# of Scans = 45
Trig Offset = 13
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
0
180
1.16
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(6)
ZOOMED
6 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

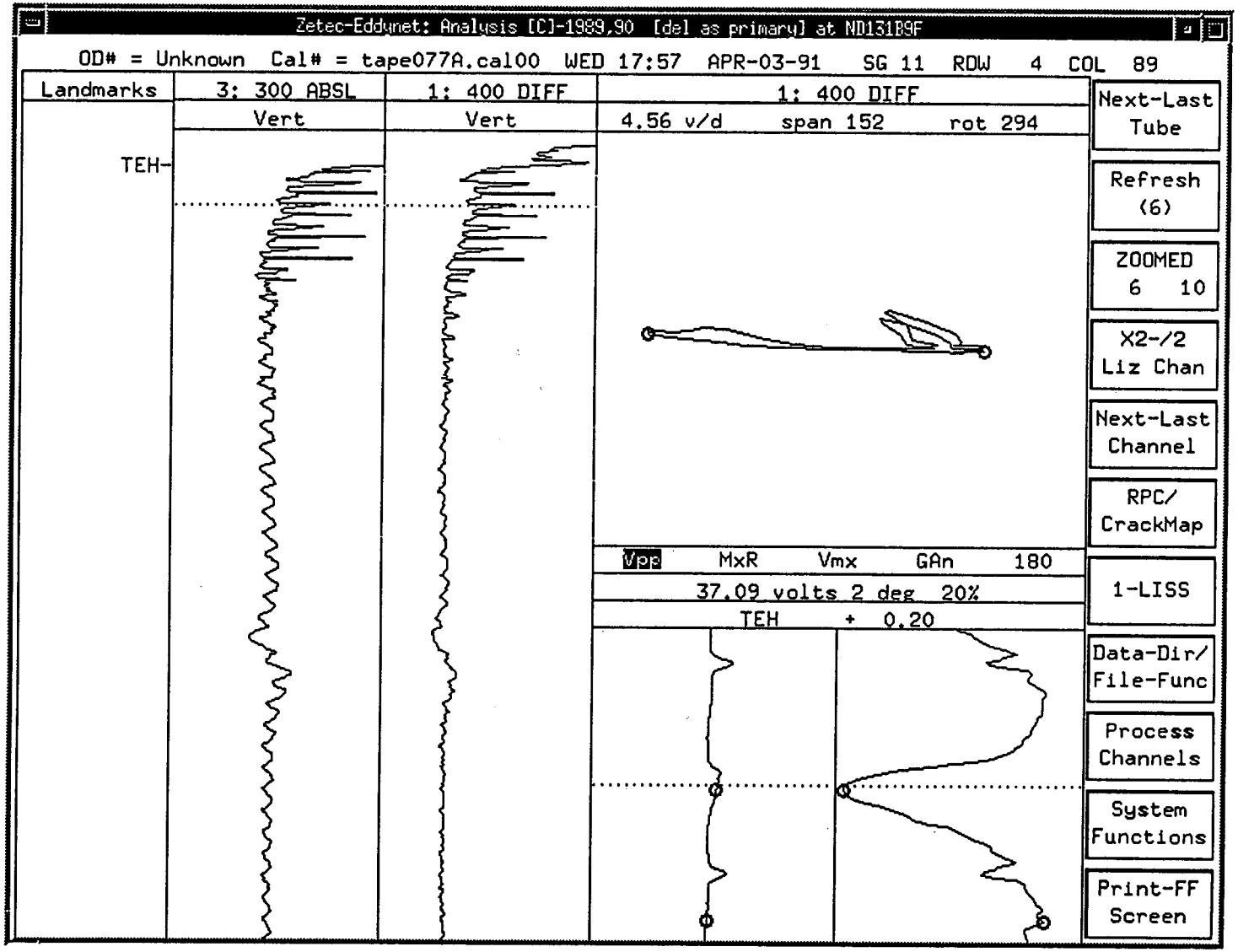

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131R9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
TEH-
1: 400 DIFF
4.74 v/d span 152 rot 294
Vpp MxR Vmx GAn 180
42.59 volts 2 deg 20%
TEH + 0.36
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

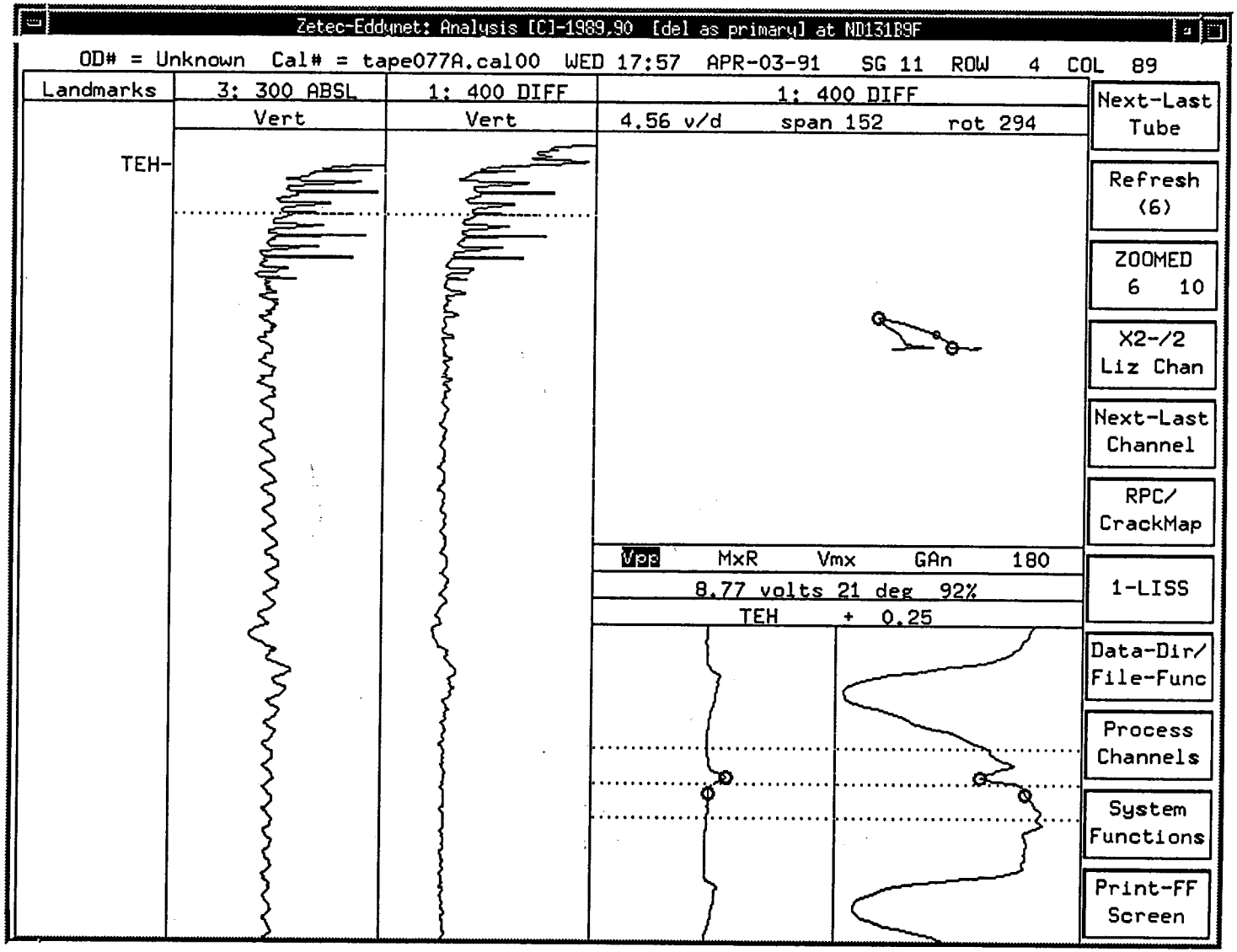

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape076A.cal00 WED 14:47 APR-03-91 SG 11 ROW 37 COL 68
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
1.19 v/d span 38 rot 294
TEH-
Vpp MxR Vmx GAn 180
3.32 volts 18 deg 94%
TEH + 0.33
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

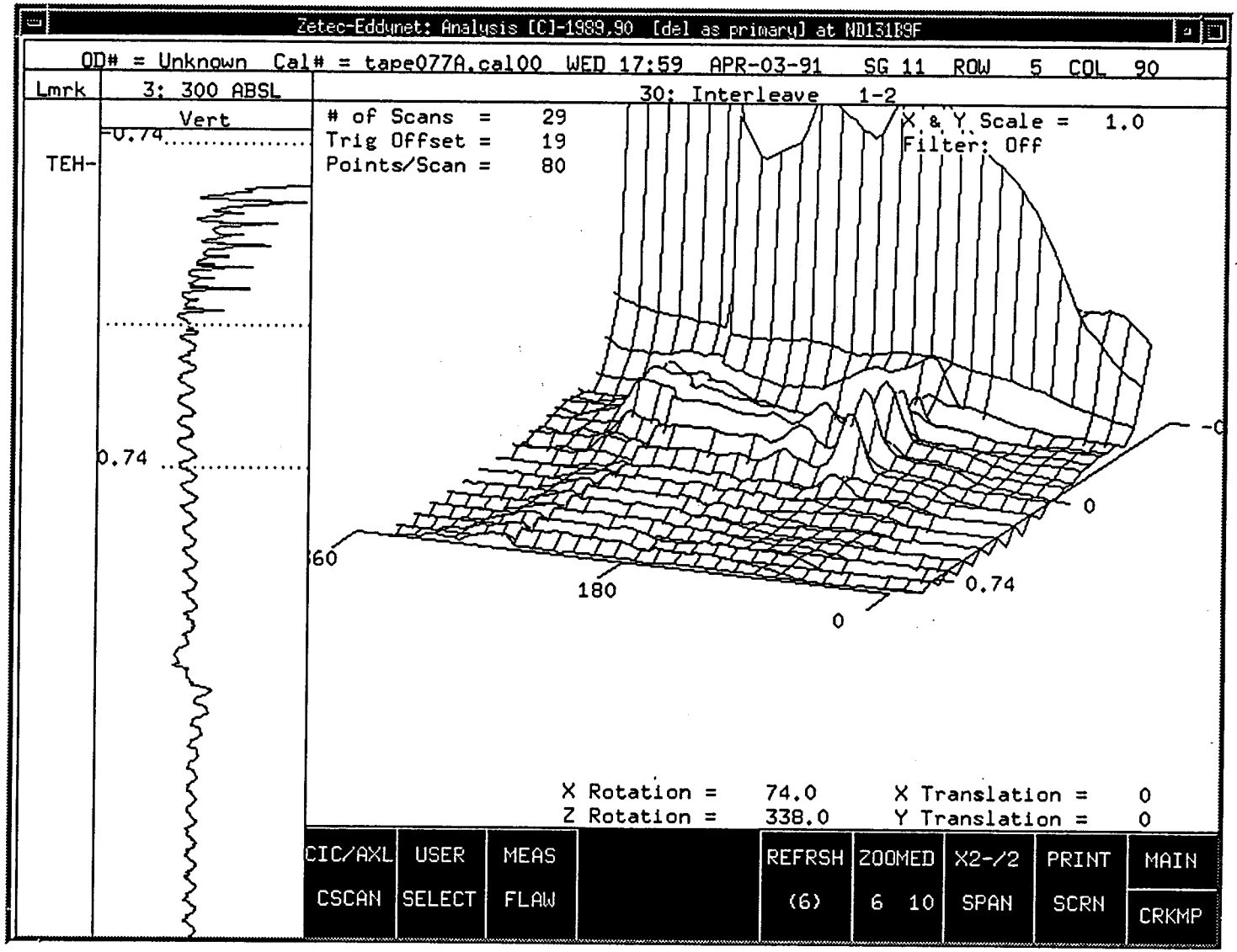

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:57 APR-03-91 SG 11 ROW 4 COL 89
Lmrk
3: 300 ABSL
30: Interleave 1-2
Vert
TEH-
0.74
# of Scans = 29
Trig Offset = 19
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
0.74
0
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:57 APR-03-91 SG 11 ROW 4 COL 89
Lmrk
3: 300 ABSL
1: 400 DIFF span 76 rot 294
Vert
TEH-
1.48
# of Scans = 29
Trig Offset = 19
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
1.48
0
-1
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

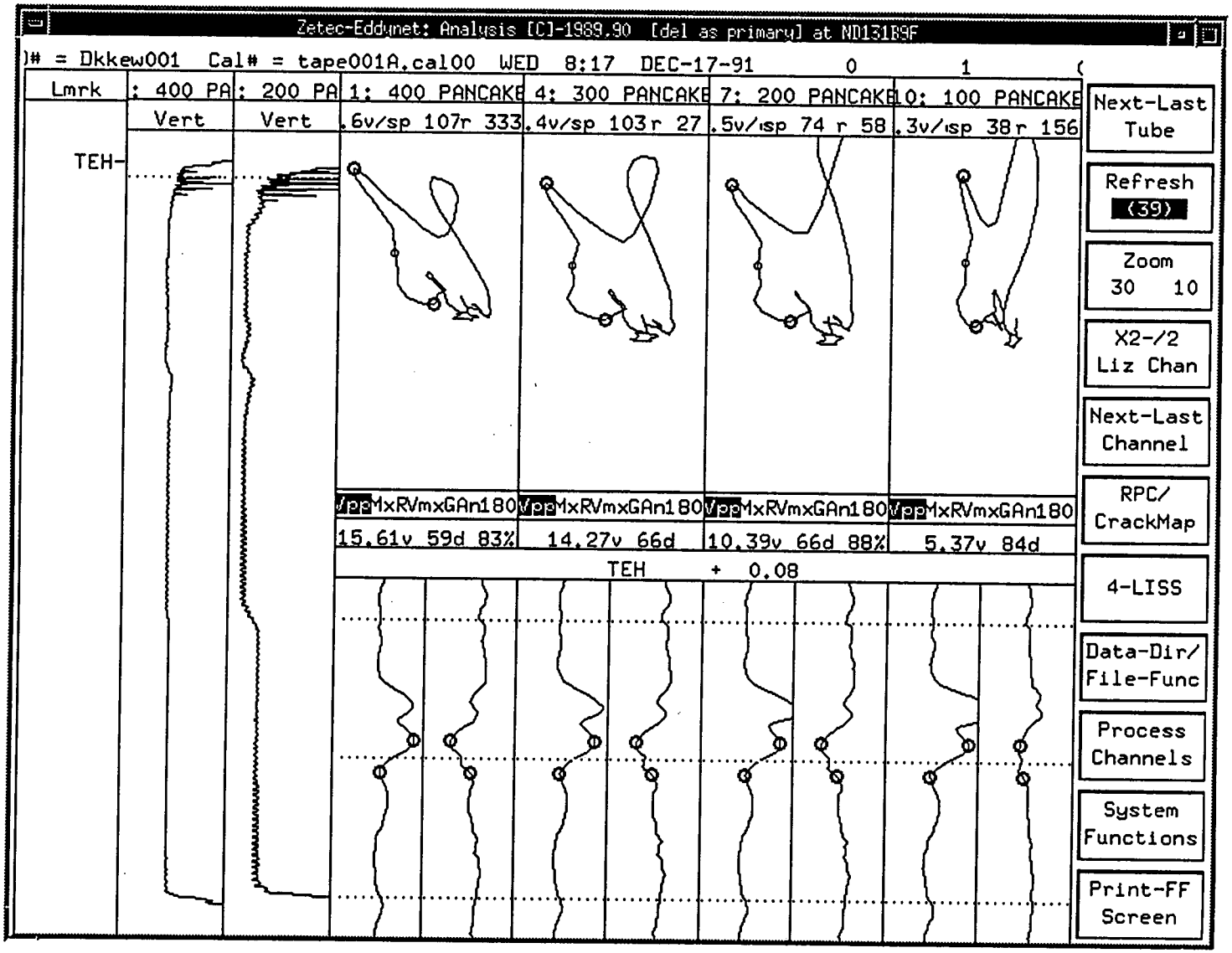

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
D# = Unknown Cal# = tape077A.cal00 WED 17:57 APR-03-91 SG 11 ROW 4 COL 89
Lmrk
: 300 AB
: 400 DI
1: 400 DIFF
3: 300 ABSL
5: 200 DIFF
7: 100 DIFF
Vert
Vert
.0v/sp 74 r 294
.9v/sp 147 r 336
.6v/sp 251 r 0
.3v/sp 85 r 114
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
9.09v 27d 88%
13.70v 25d
16.30v 18d
8.46v 15d
TEH + 0.26
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

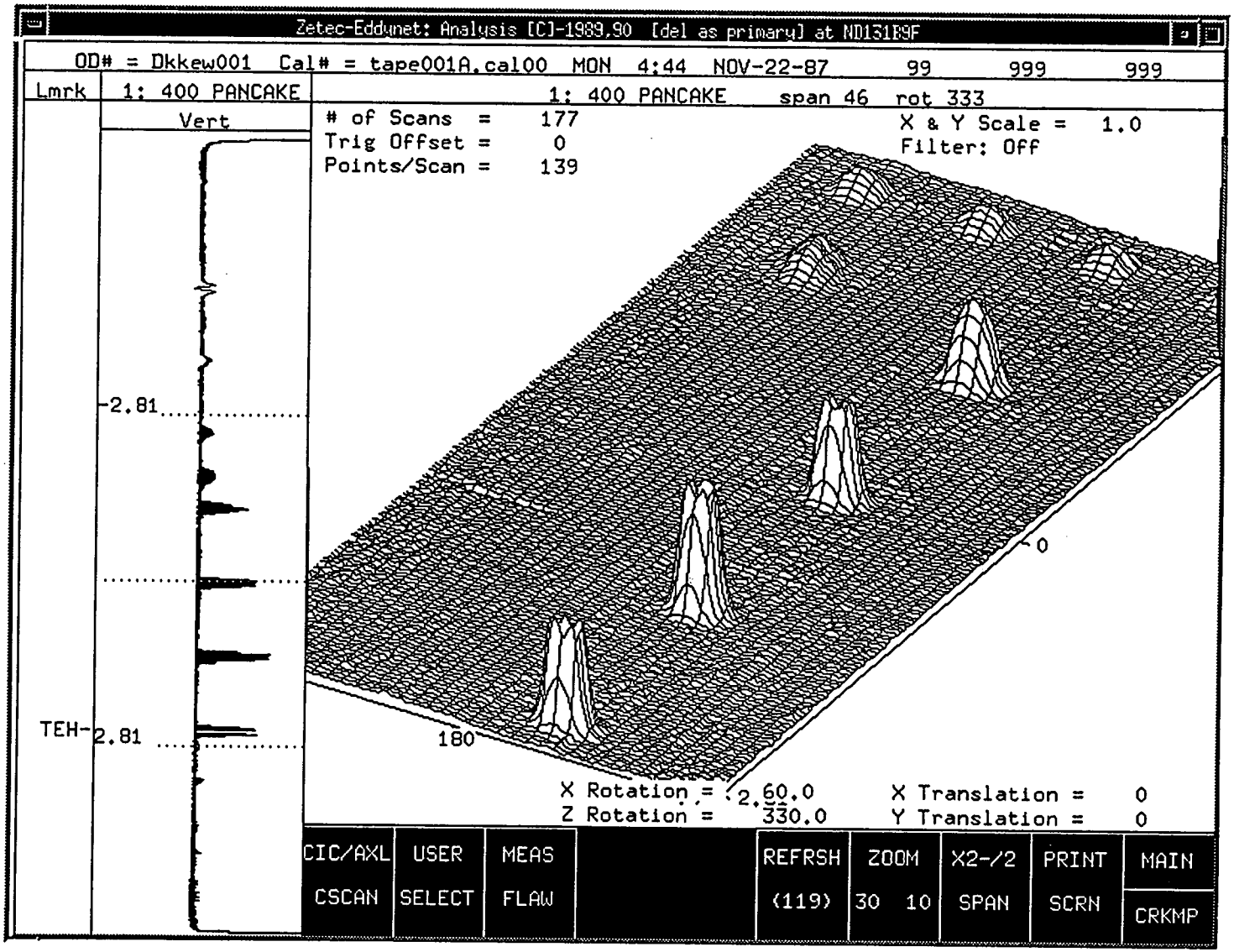

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:57 APR-03-91 SG 11 RDW 4 COL 89
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
1: 400 DIFF
4.56 v/d span 152 rot 294
TEH-
Vps MxR Vmx GAn 180
37.09 volts 2 deg 20%
TEH + 0.20
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

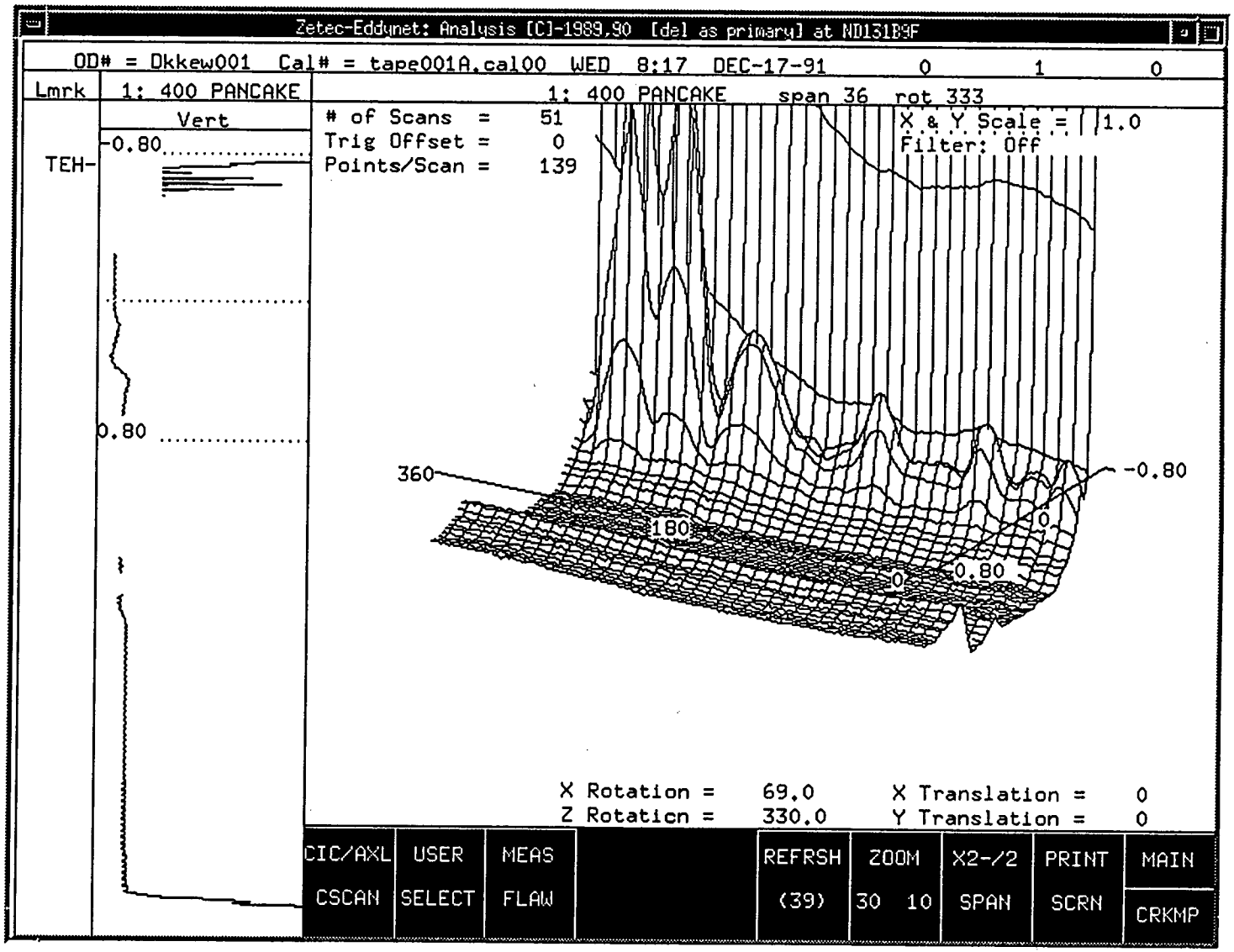

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:57 APR-03-91 SG 11 ROW 4 COL 89
Landmarks
3: 300 ABSL
Vert
1: 400 DIFF
Vert
TEH-
1: 400 DIFF
4.56 v/d span 152 rot 294
Vpp MxR Vmx GAn 180
8.77 volts 21 deg 92%
TEH + 0.25
Next-Last Tube
Refresh (6)
ZOOMED 6 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Unknown Cal# = tape077A.cal00 WED 17:59 APR-03-91 SG 11 ROW 5 COL 90
Lmrk
3: 300 ABSL
Vert
-0.74
TEH-
0.74
30: Interleave 1-2
# of Scans = 29
Trig Offset = 19
Points/Scan = 80
X & Y Scale = 1.0
Filter: Off
60
180
0
0
0.74
X Rotation = 74.0
Z Rotation = 338.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (6)
ZOOMED 6 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

SECTION 6.0A - LAB SAMPLE EDDY CURRENT GRAPHICS
EXPANDED WELDED SAMPLES


Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:17 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
0: 100 PANCAKE
Vert
Vert
.6v/sp 107r 333
.4v/sp 103r 27
.5v/sp 74 r 58
.3v/sp 38 r 156
TEH-
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
15.61v 59d 83%
14.27v 66d
10.39v 66d 88%
5.37v 84d
TEH + 0.08
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 MON 4:44 NOV-22-87 99 999 999
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 46 rot 333
Vert
# of Scans = 177
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
-2.81
TEH-2.81
0
180
X Rotation = 260.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(119)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND1318F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:17 DEC-17-91 0 1 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 36 rot 333
Vert
TEH-
0.80
0.80
# of Scans = 51
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
0
0.80
-0.80
X Rotation = 69.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(39)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F

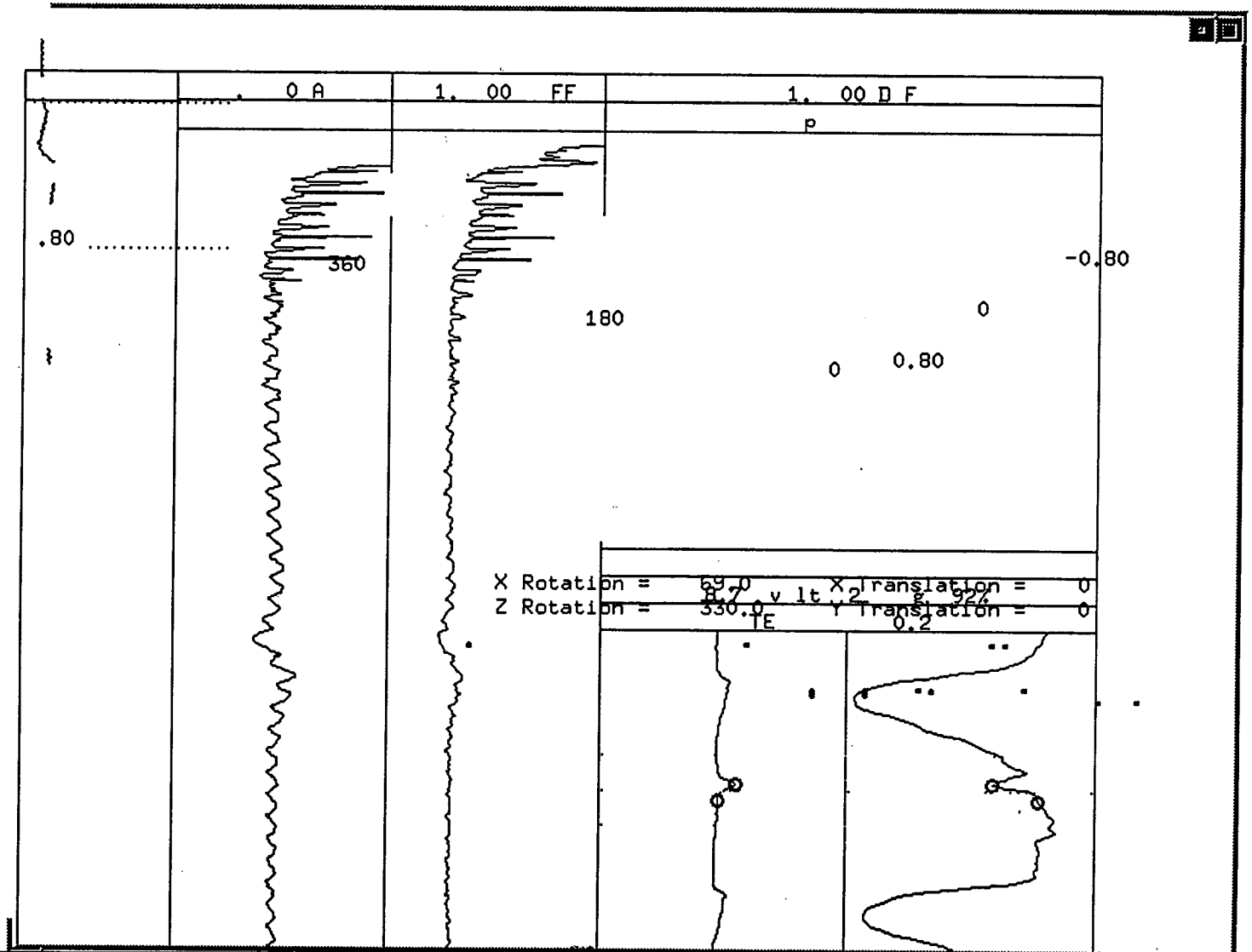
D# = k w0 1 Cal# = a 1A al00 WED 8· 7 DEC-1 - 1 0 1 0

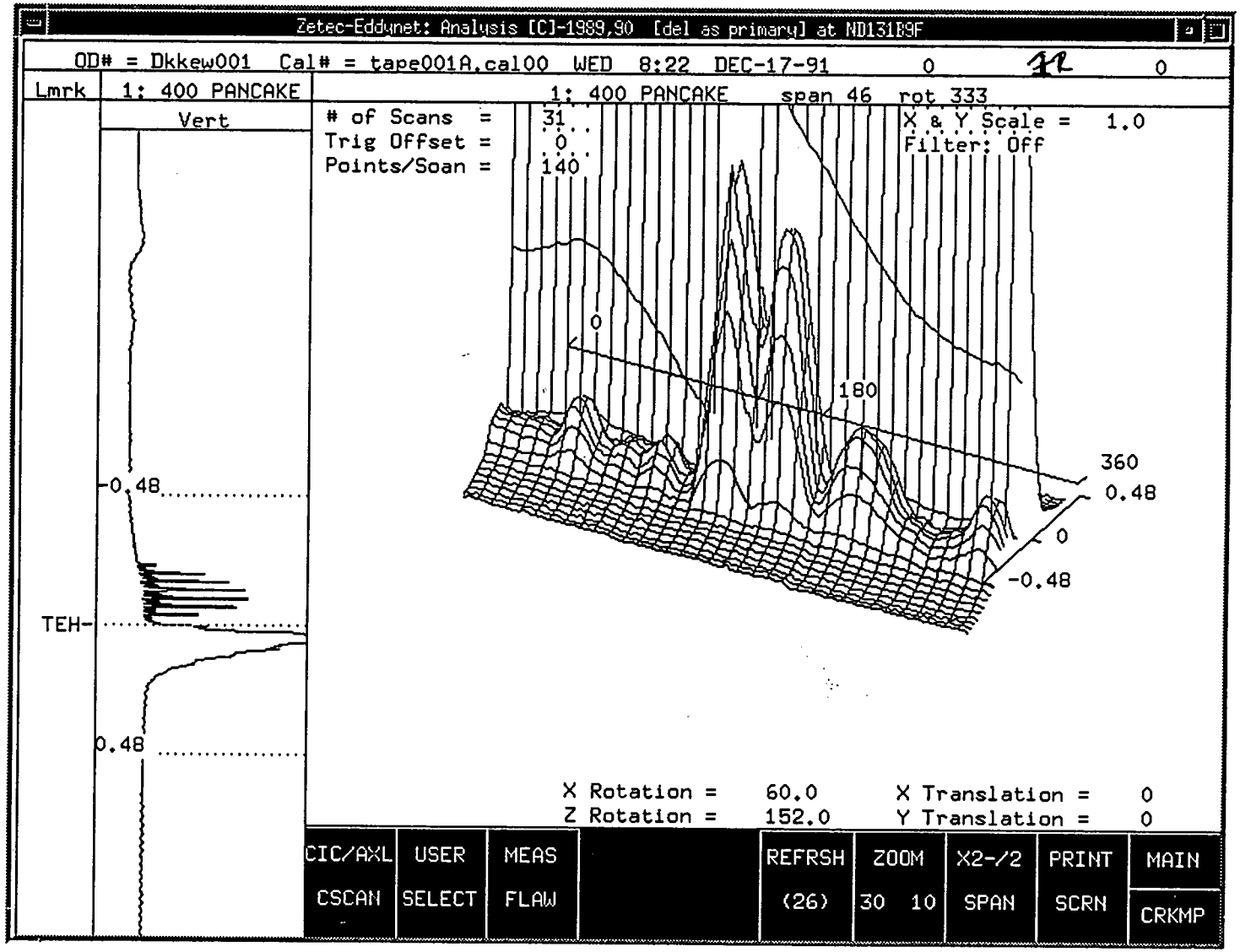
mrk · 40 PANCAK · 40 PANCAKE s n 3 r 33

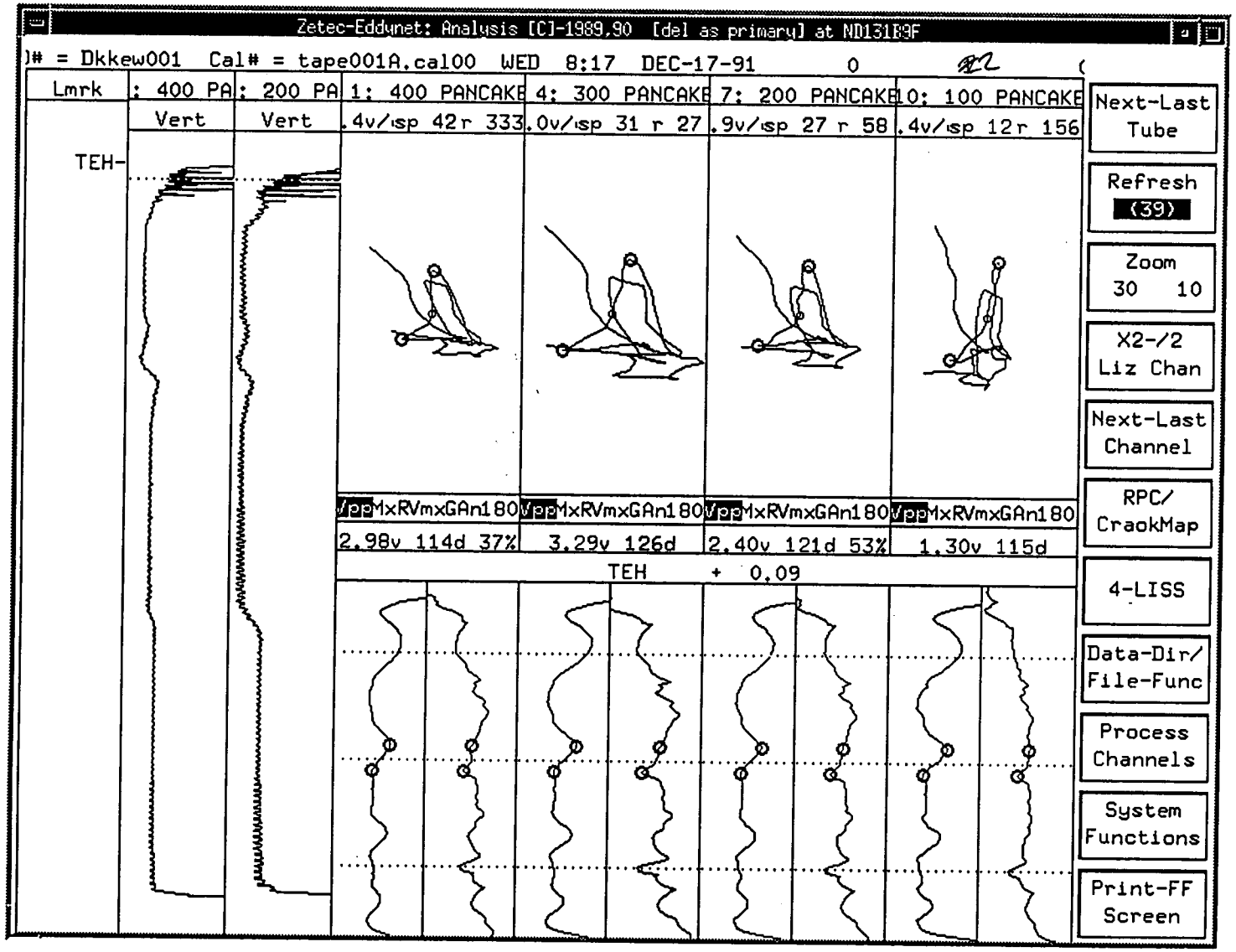
Vert # of Scans = 51 X & Y Scale = 1.0

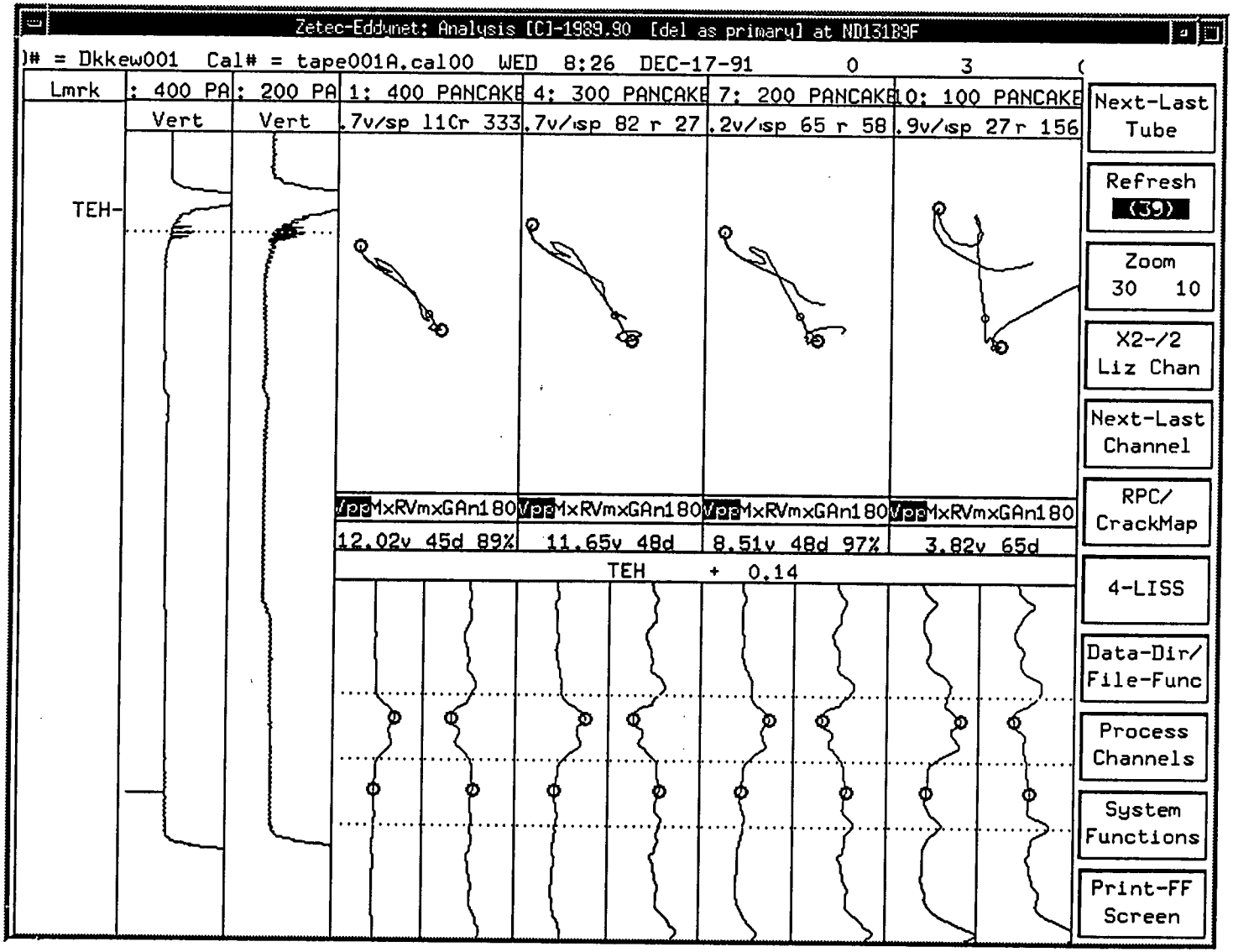
Trig Offset = 0 Filter: Off

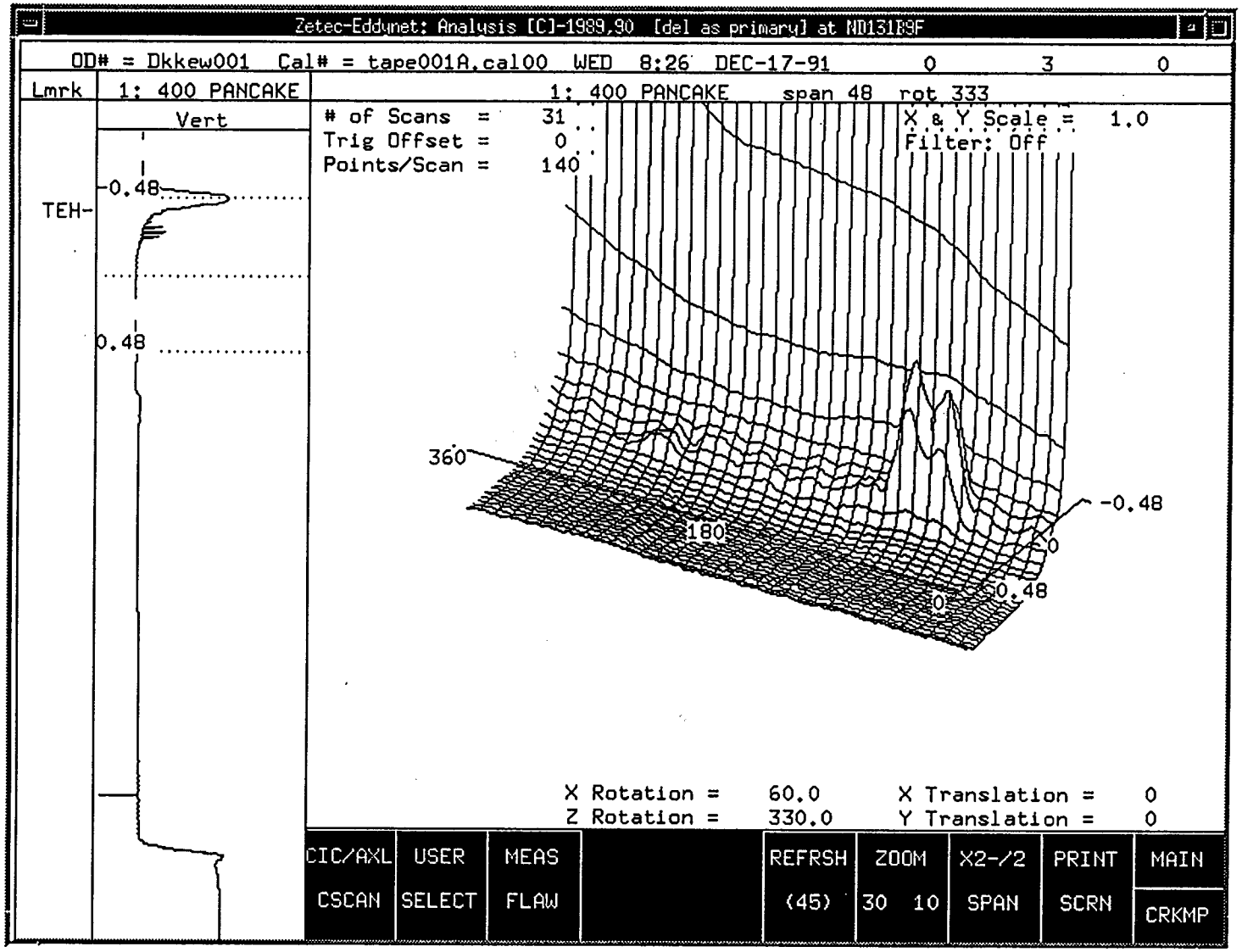
TEH- 0.80 Points/Scan = 139

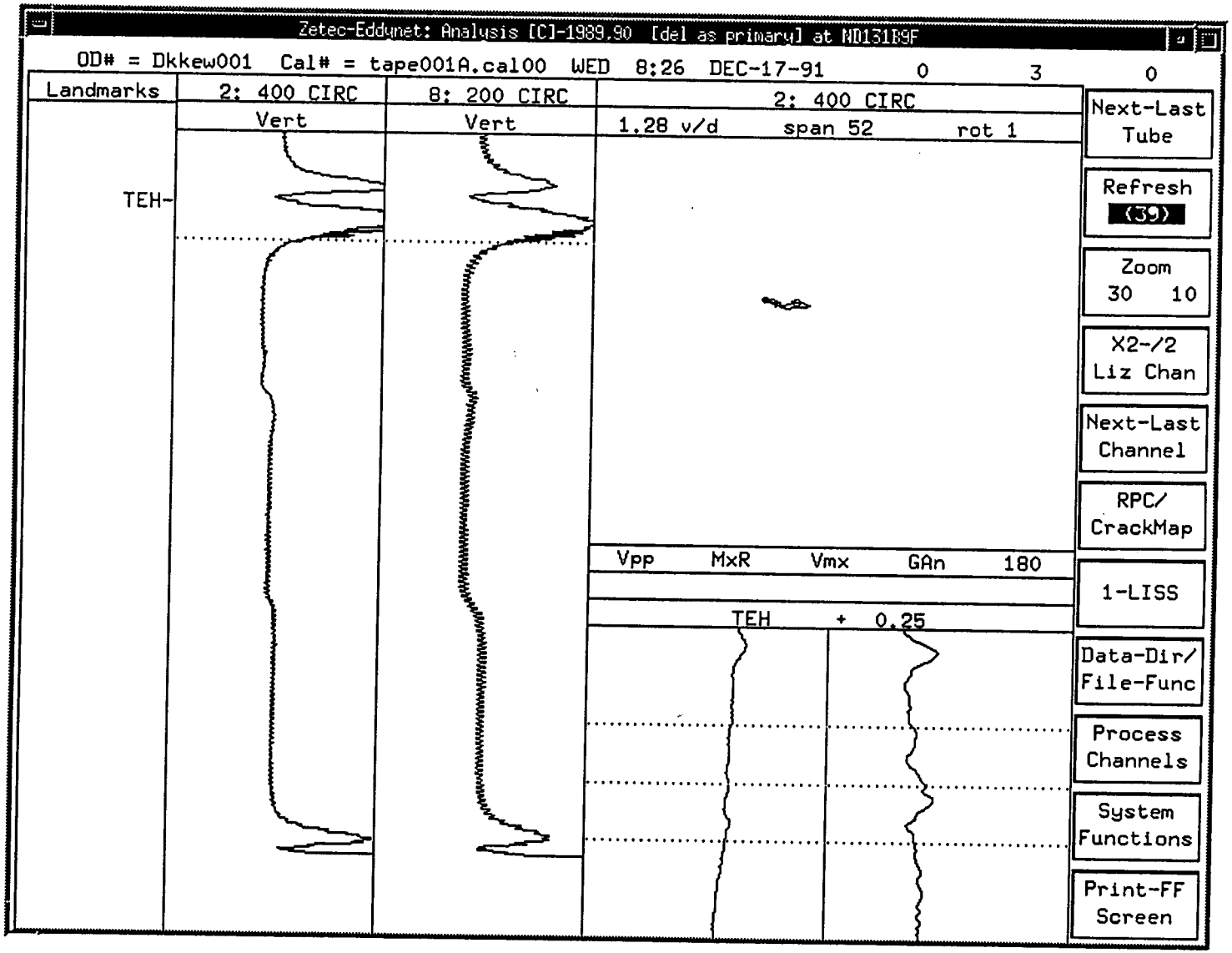


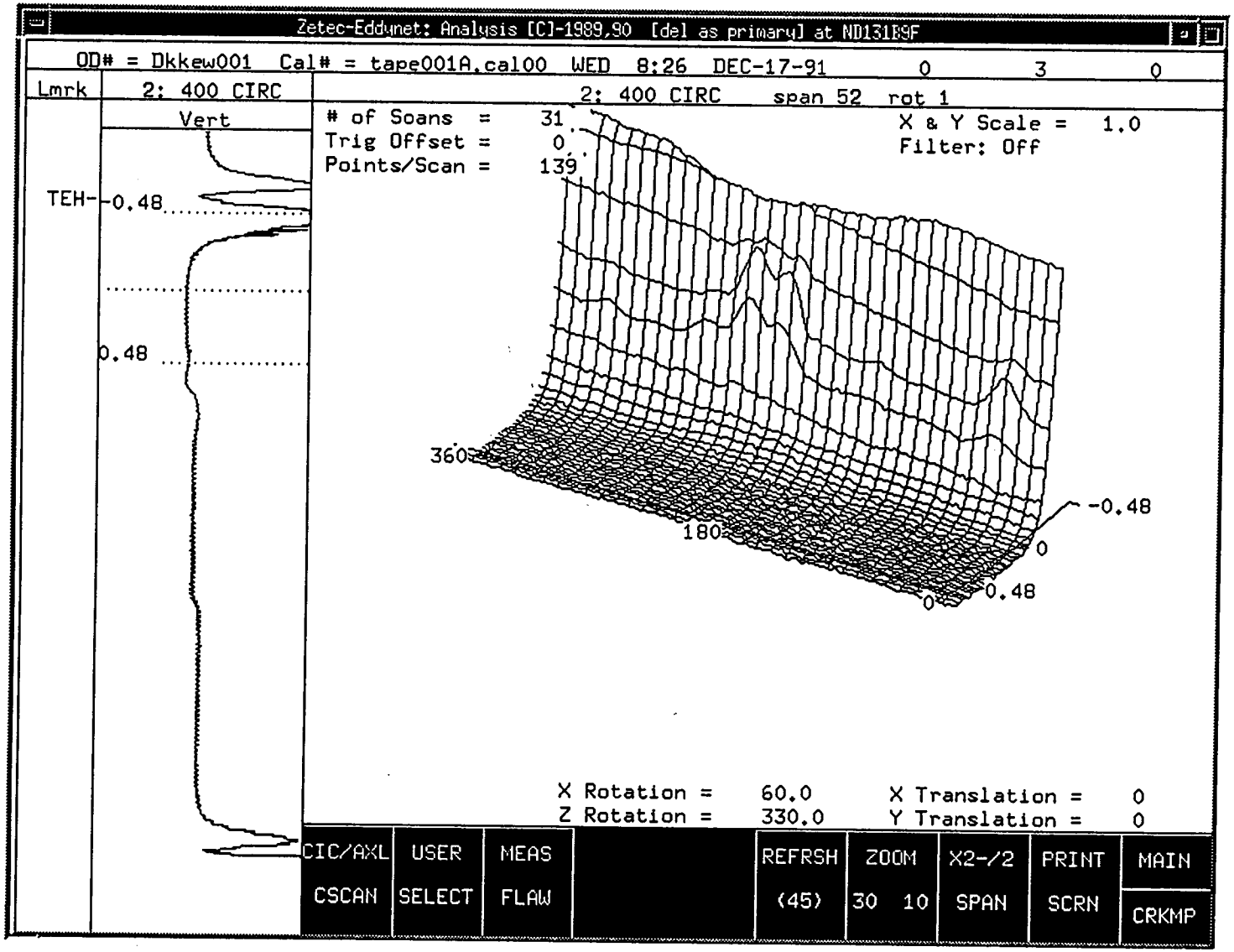

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131E9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:22 DEC-17-91 0 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 46 rot 333
Vert
# of Scans = 31
Trig Offset = 0
Points/Soan = 140
X & Y Scale = 1.0
Filter: Off
0
180
360
0.48
0
-0.48
-0.48
TEH-
0.48
X Rotation = 60.0
Z Rotation = 152.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (26)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

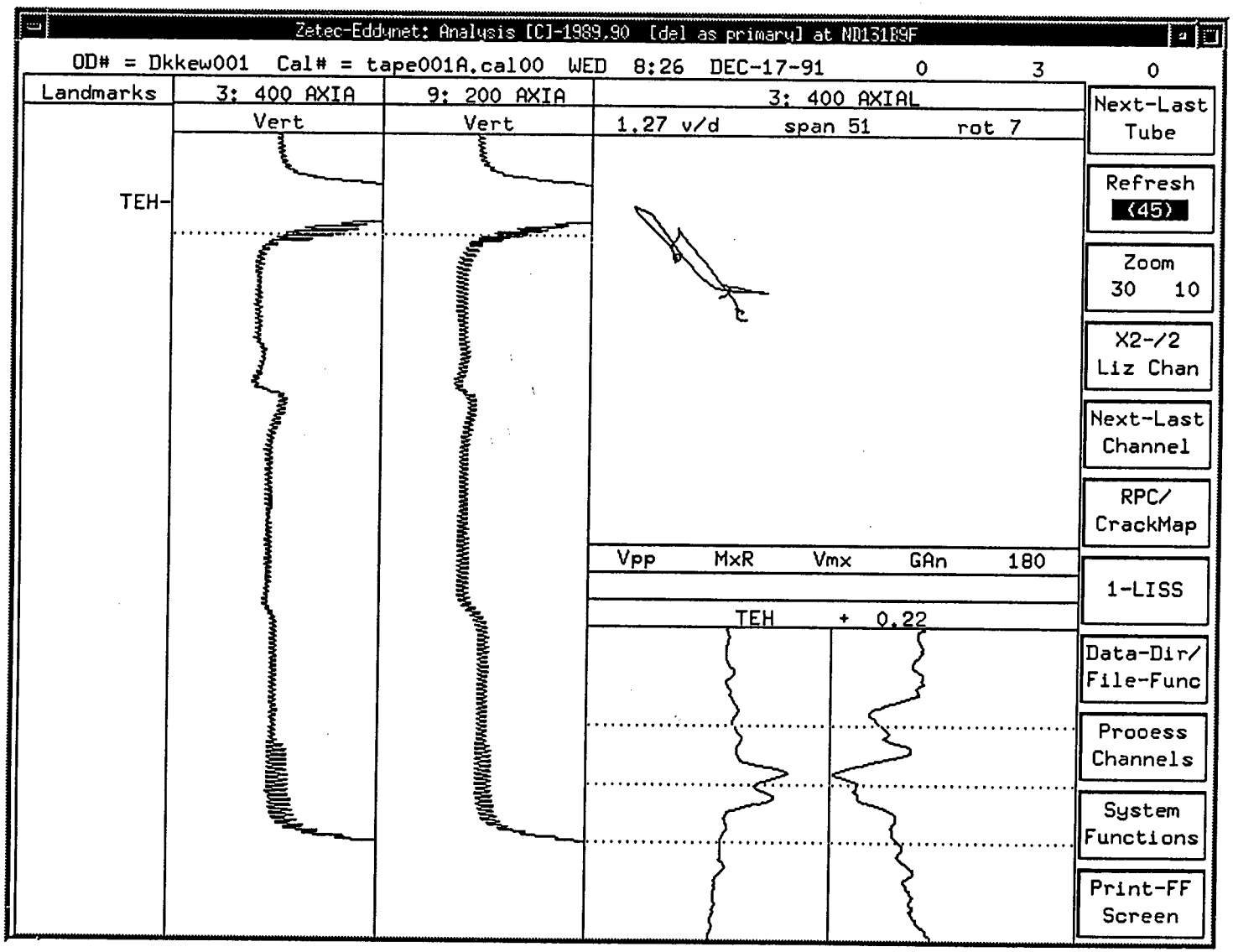

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND1318F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:17 DEC-17-91 0
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.4v/sp 42r 333
.0v/sp 31 r 27
.9v/sp 27 r 58
.4v/sp 12r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
2.98v 114d 37%
3.29v 126d
2.40v 121d 53%
1.30v 115d
TEH + 0.09
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

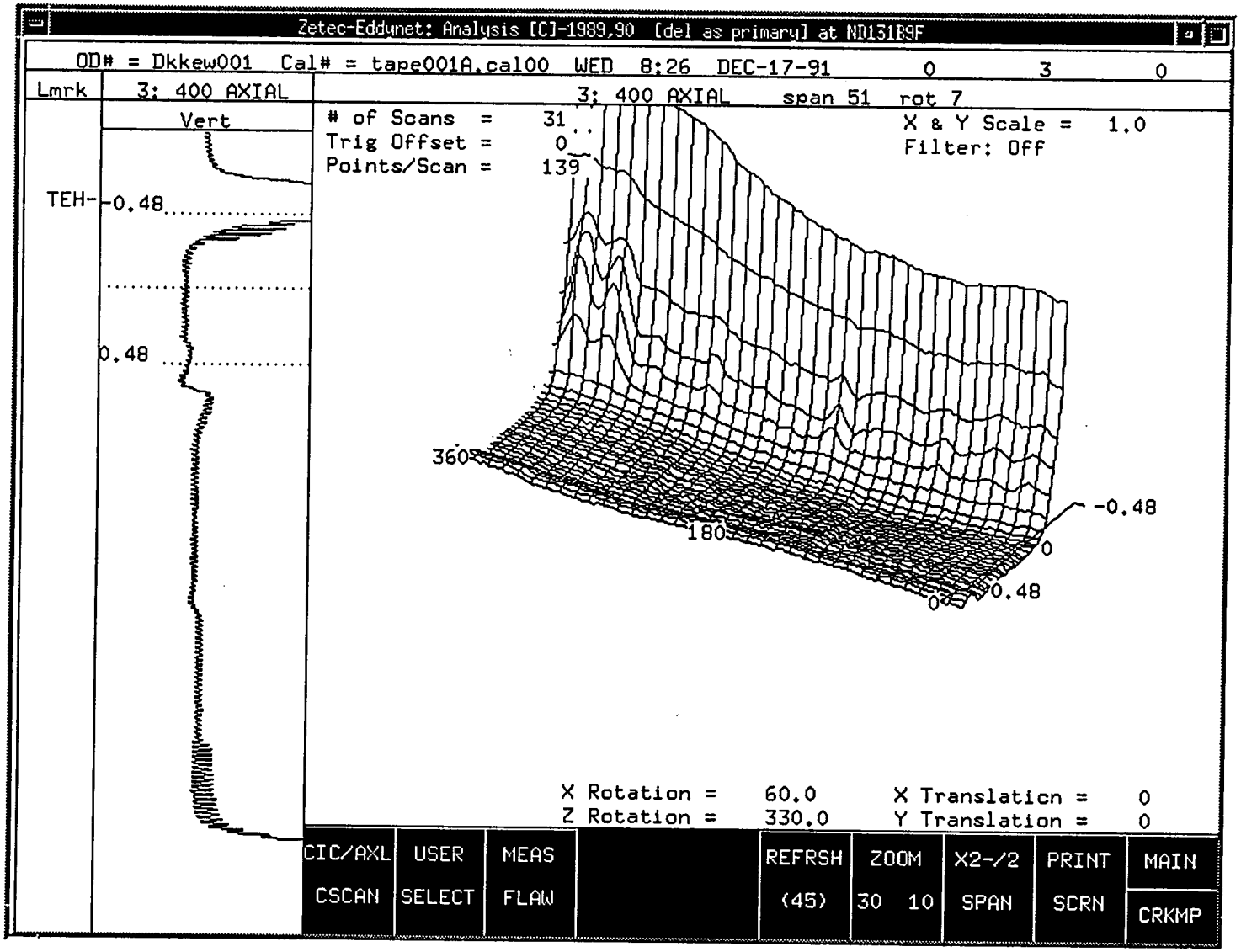

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B3F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:26 DEC-17-91 0 3
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.7v/sp 11Cr 333
.7v/sp 82 r 27
.2v/sp 65 r 58
.9v/sp 27r 156
TEH-
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
12.02v 45d 89%
11.65v 48d
8.51v 48d 97%
3.82v 65d
TEH + 0.14
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

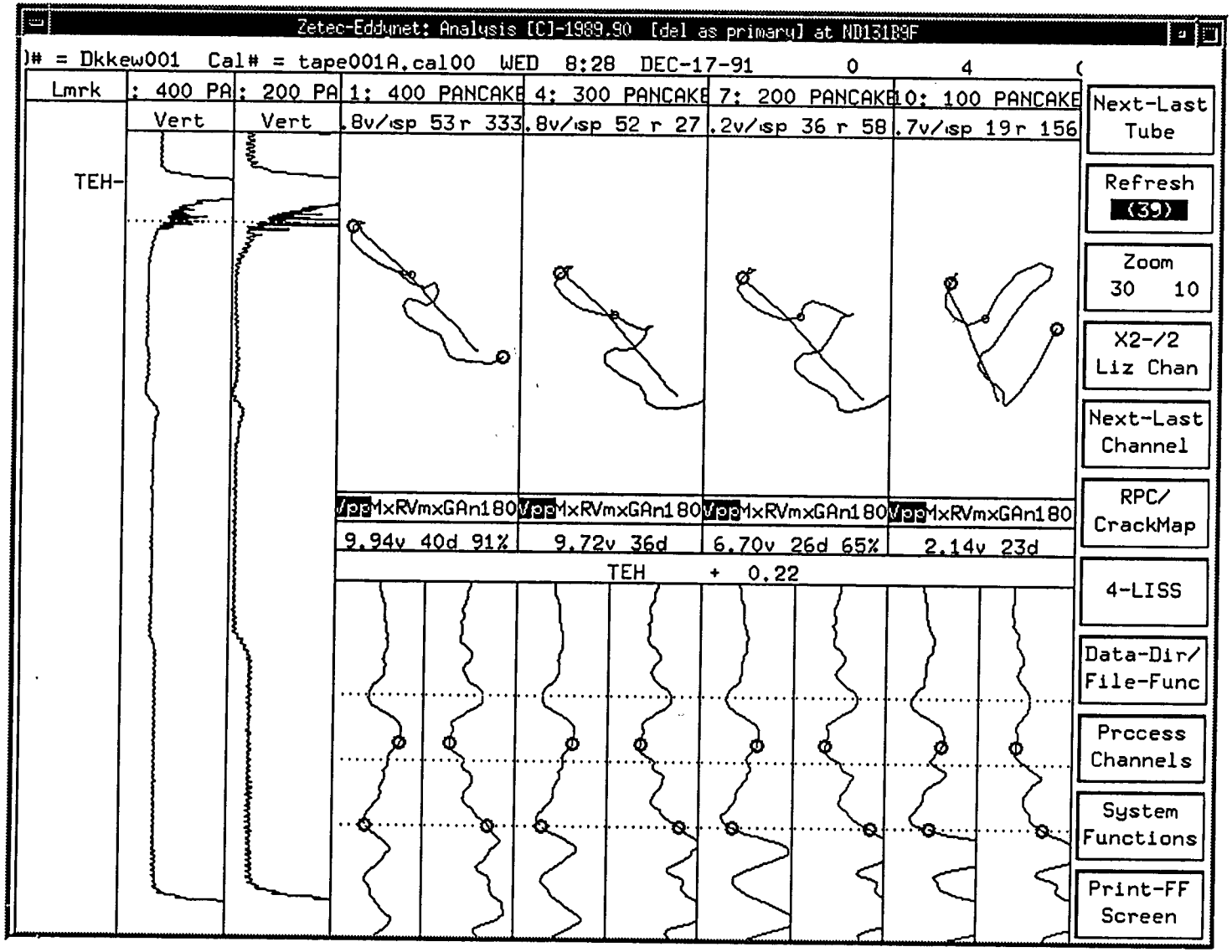

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:26 DEC-17-91 0 3 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 48 rot 333
Vert
TEH-
-0.48
0.48
# of Scans = 31
Trig Offset = 0
Points/Scan = 140
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(45)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

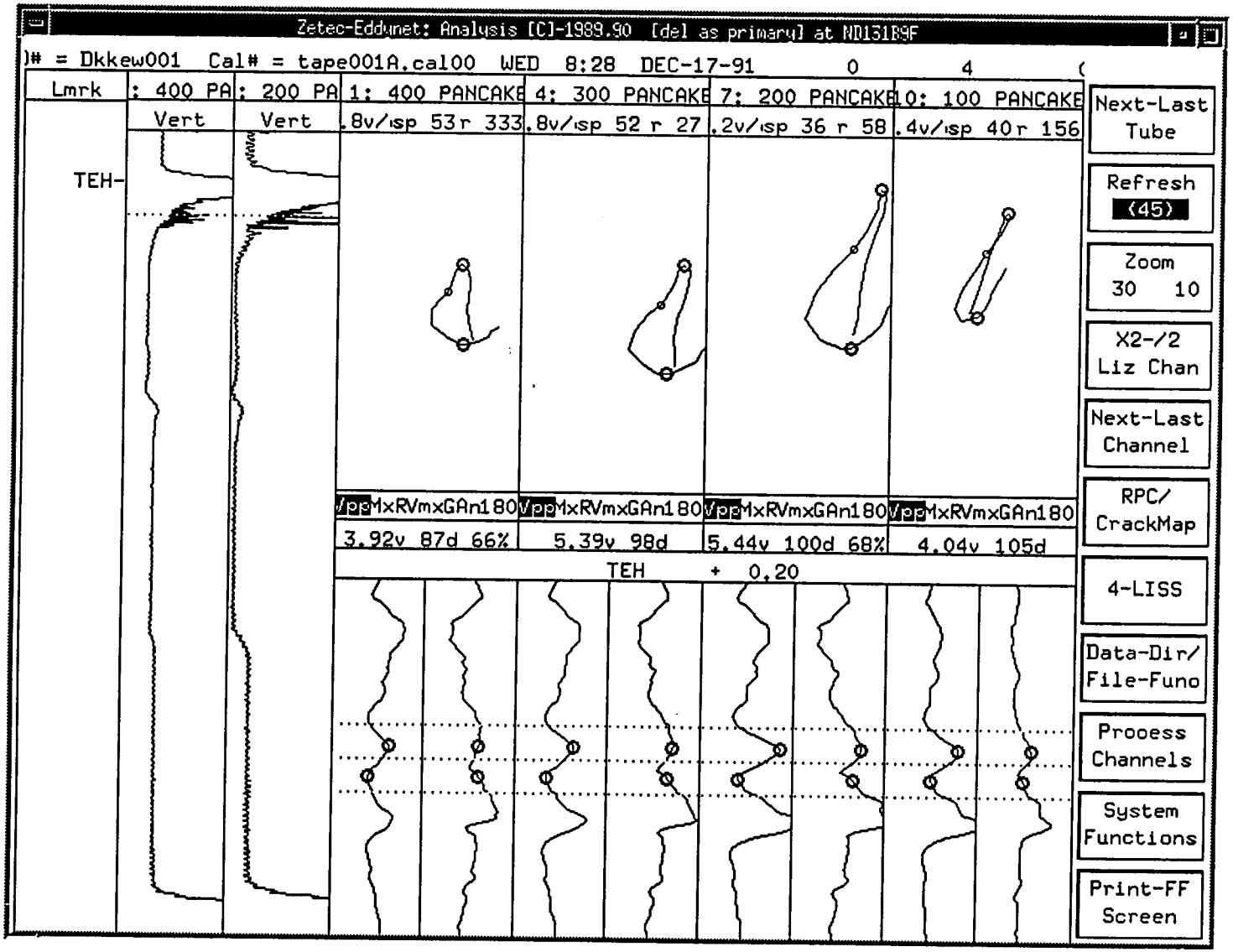

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:26 DEC-17-91 0 3 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
1.28 v/d span 52 rot 1
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.25
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

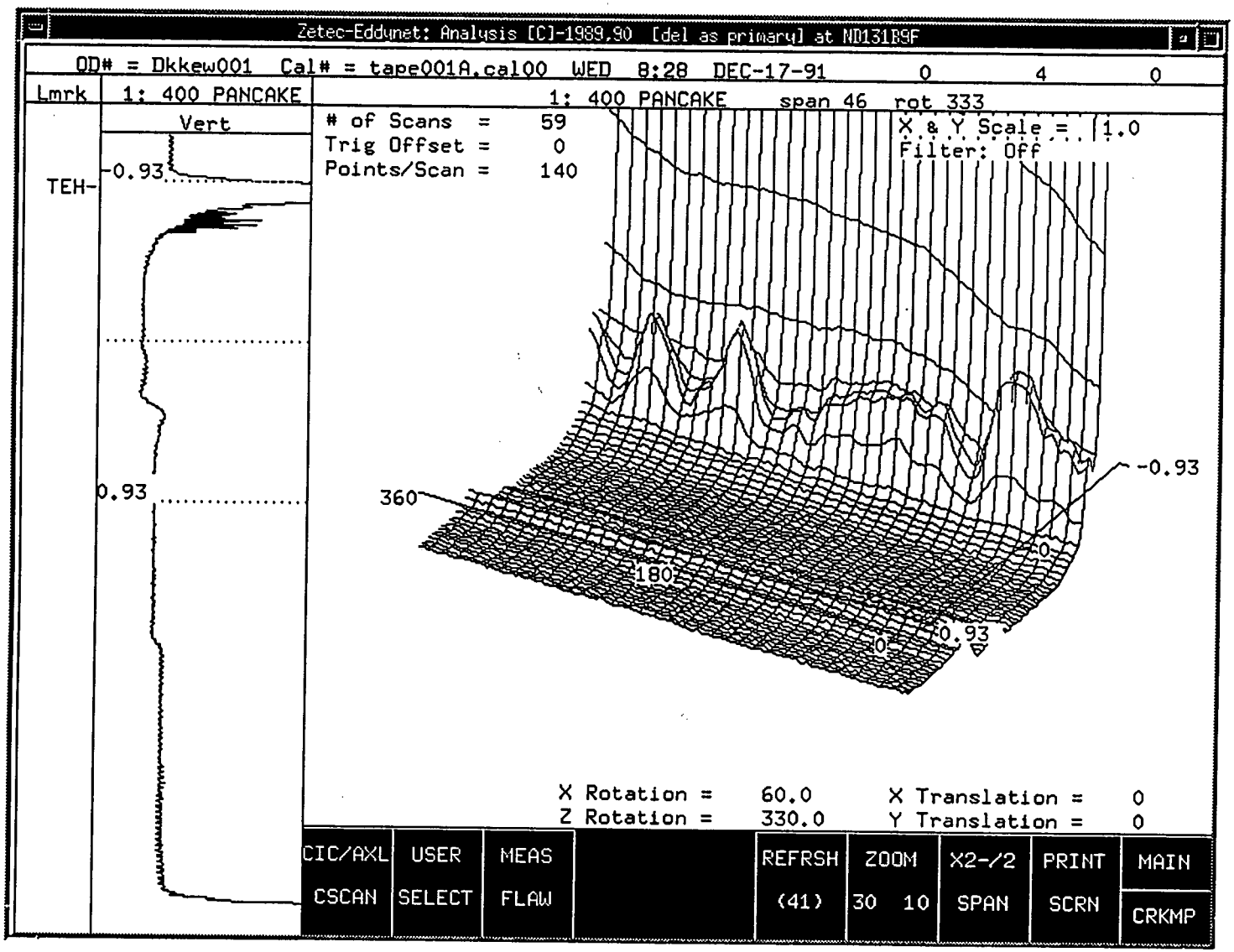

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:26 DEC-17-91 0 3 0
Lmrk 2: 400 CIRC
Vert
TEH-
-0.48
0.48
2: 400 CIRC span 52 rot 1
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(45)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

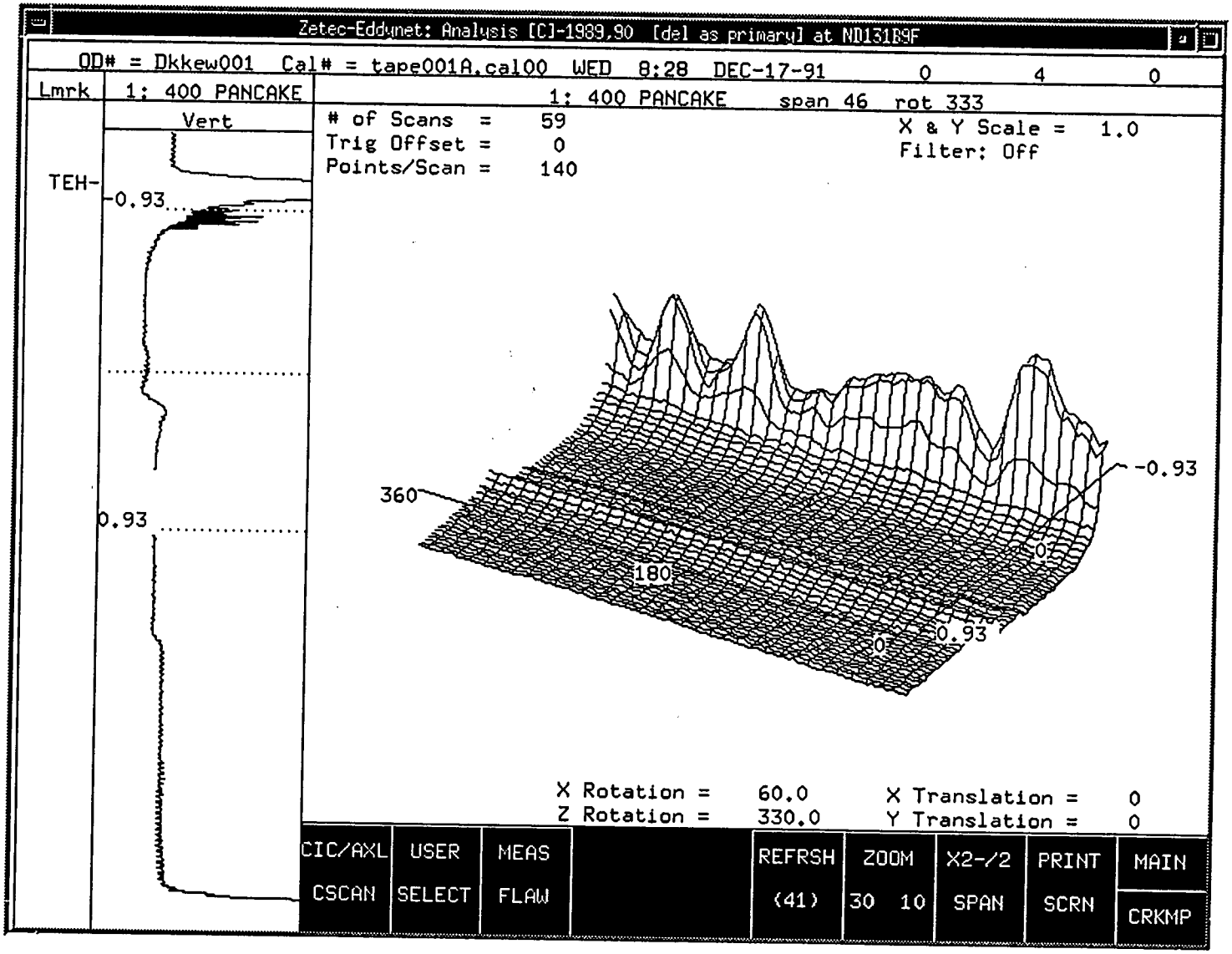

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131E9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:26 DEC-17-91 0 3 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rot 7
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.22
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

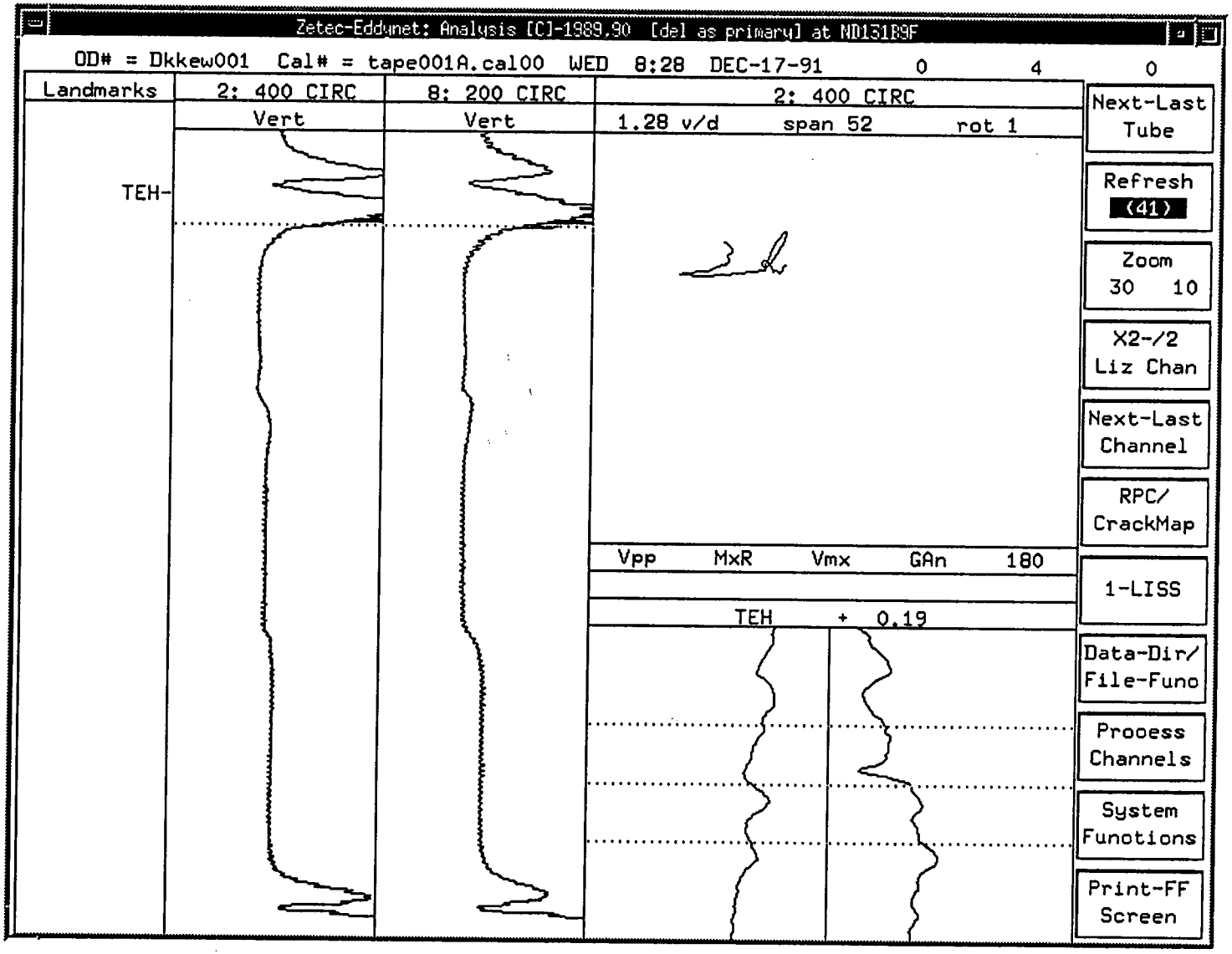

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:26 DEC-17-91 0 3 0
Lmrk
3: 400 AXIAL
Vert
TEH-
-0.48
0.48
3: 400 AXIAL span 51 rot 7
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(45)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

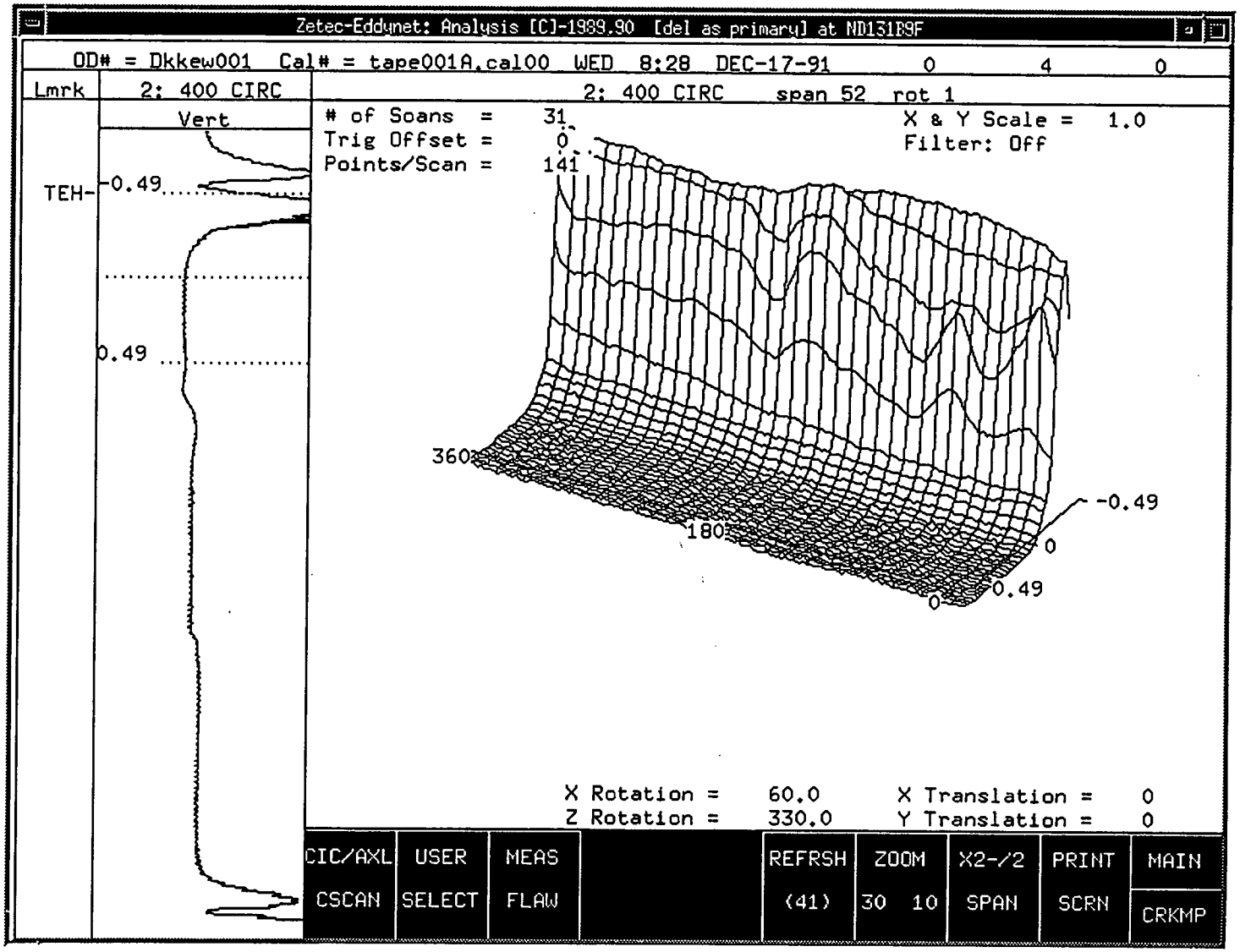

Zetec-Eddymet: Analysis [C]-1989.90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.8v/sp 53r 333
.8v/sp 52 r 27
.2v/sp 36 r 58
.7v/sp 19r 156
TEH-
Vpp MxRVmxGAn180
9.94v 40d 91%
9.72v 36d
6.70v 26d 65%
2.14v 23d
TEH + 0.22
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

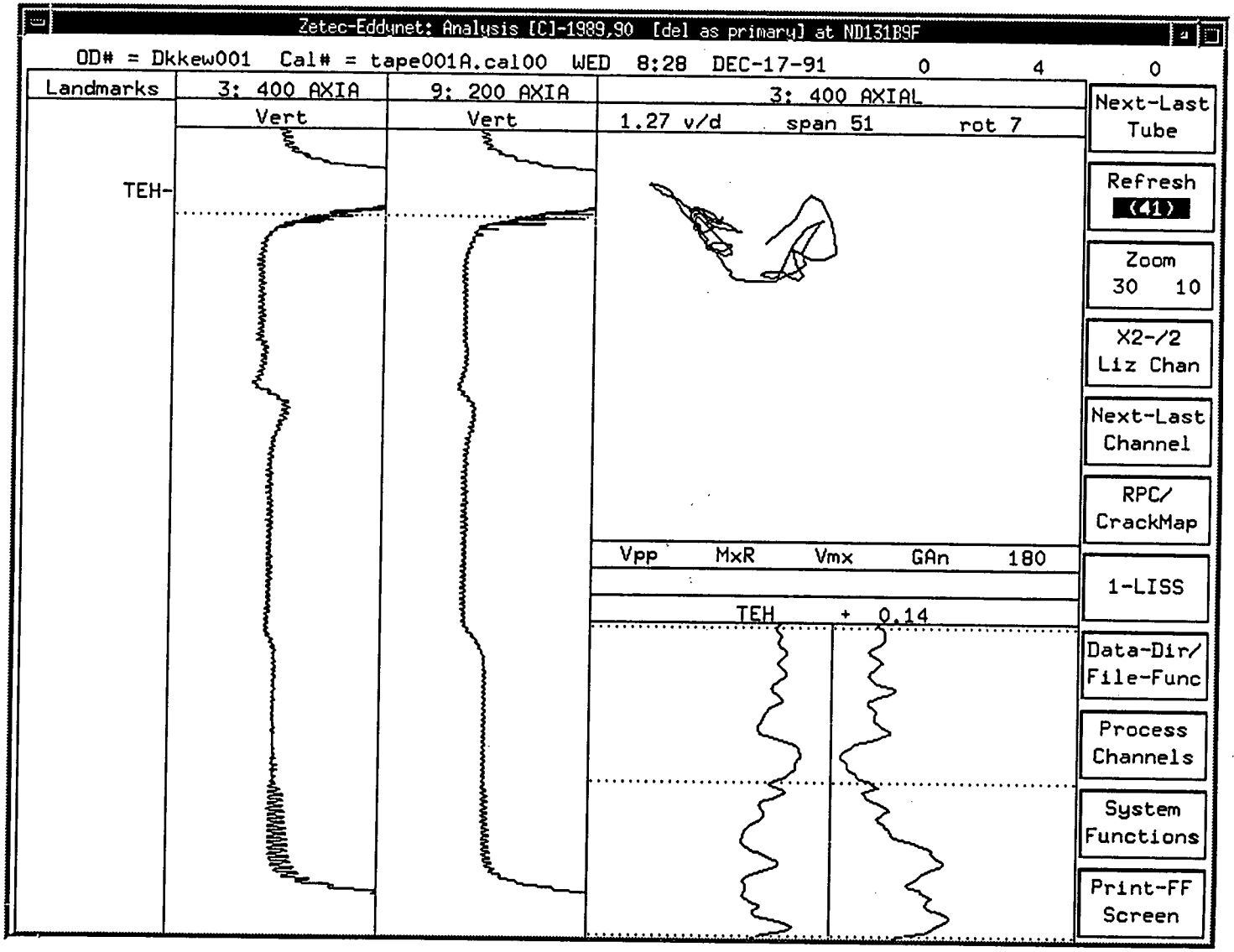

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.8v/sp 53r 333
.8v/sp 52 r 27
.2v/sp 36 r 58
.4v/sp 40r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
3.92v 87d 66%
5.39v 98d
5.44v 100d 68%
4.04v 105d
TEH + 0.20
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Funo
Prooess Channels
System Functions
Print-FF Screen

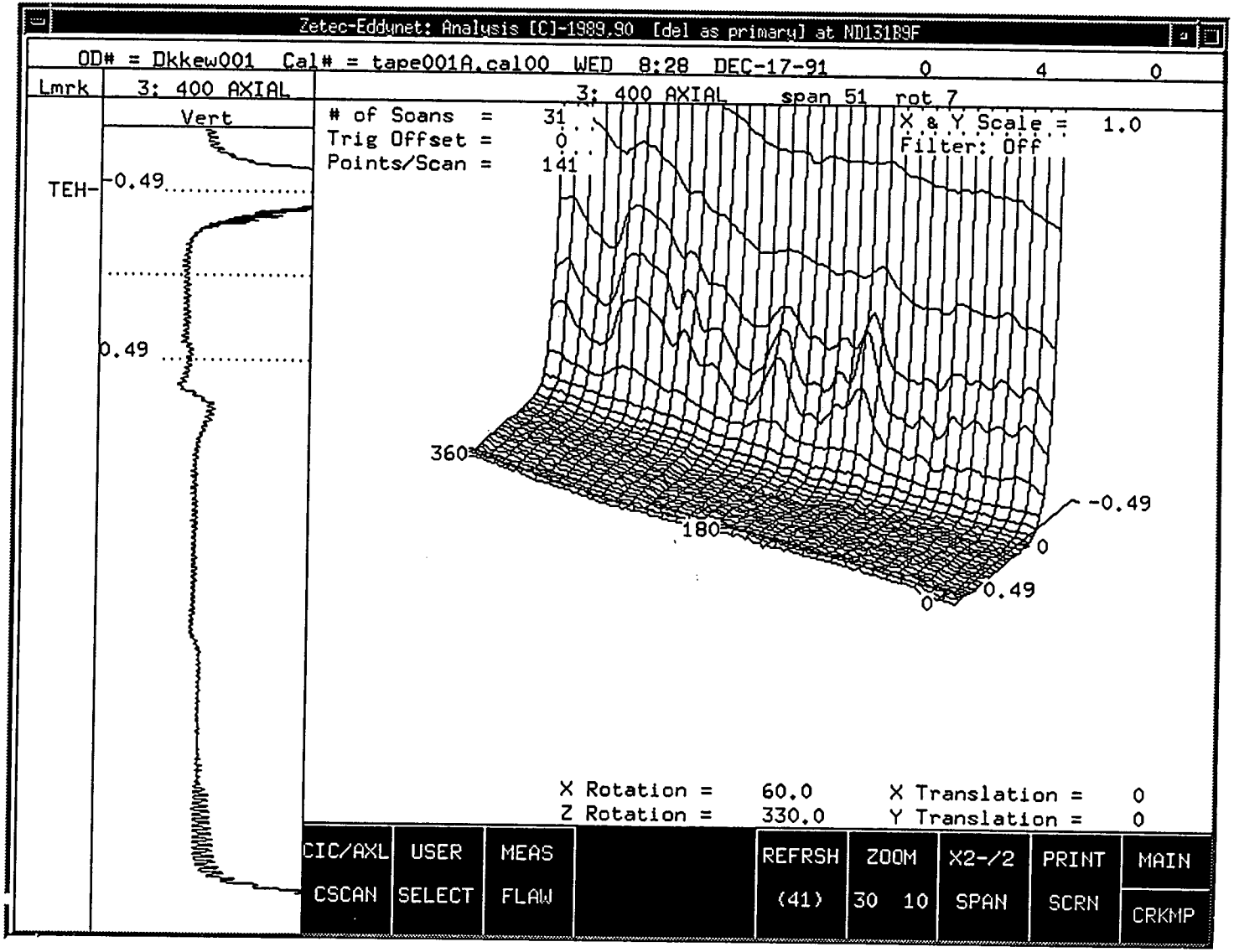

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91 0 4 0
Lmrk
1: 400 PANCAKE
Vert
TEH-
0.93
0.93
1: 400 PANCAKE span 46 rot 333
# of Scans = 59
Trig Offset = 0
Points/Scan = 140
X & Y Scale = 1.0
Filter: Off
360
180
90
0
-0.93
-0.93
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(41)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

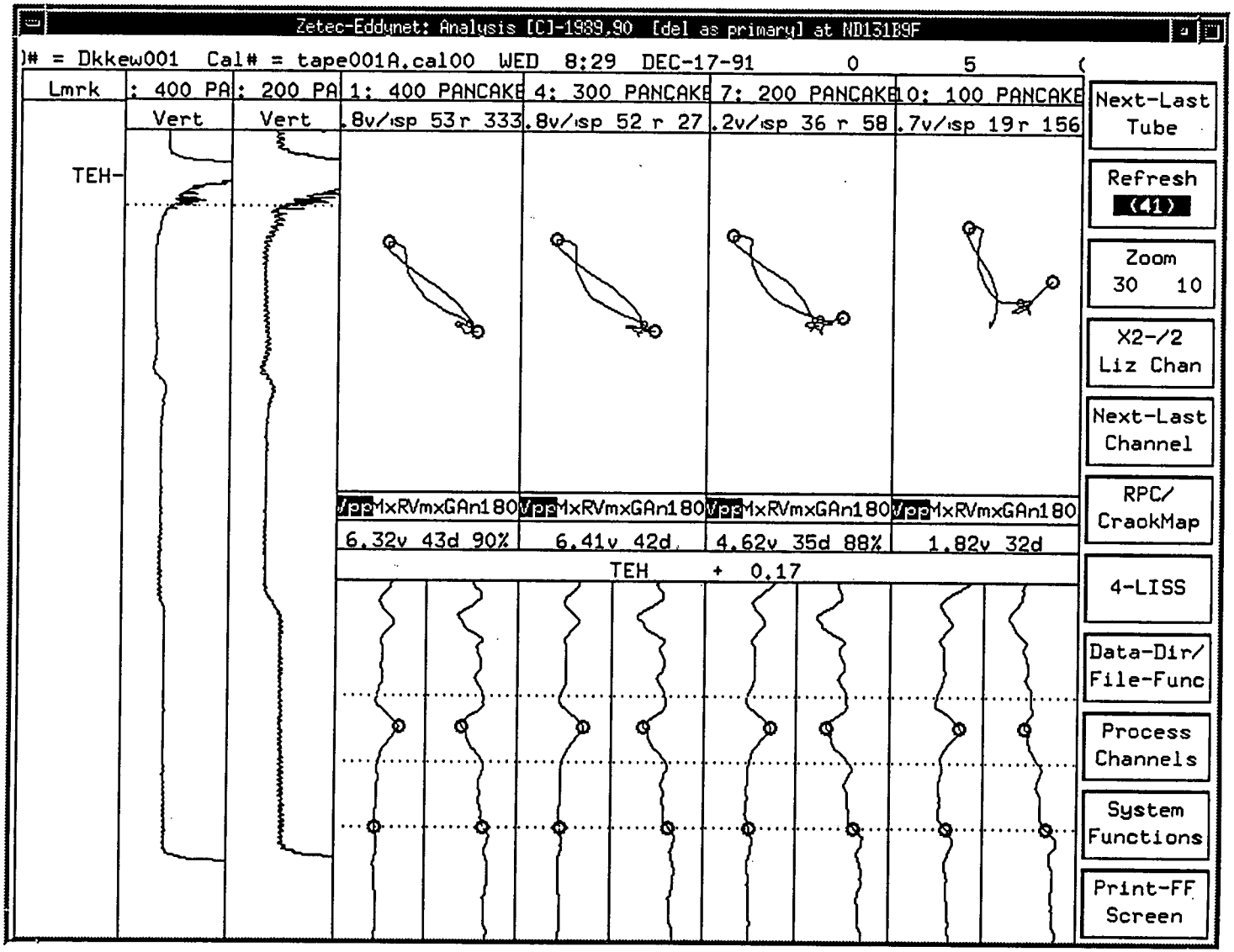

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91 0 4 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 46 rot 333
Vert
TEH-
-0.93
0.93
# of Scans = 59
Trig Offset = 0
Points/Scan = 140
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.93
0.93
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(41)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

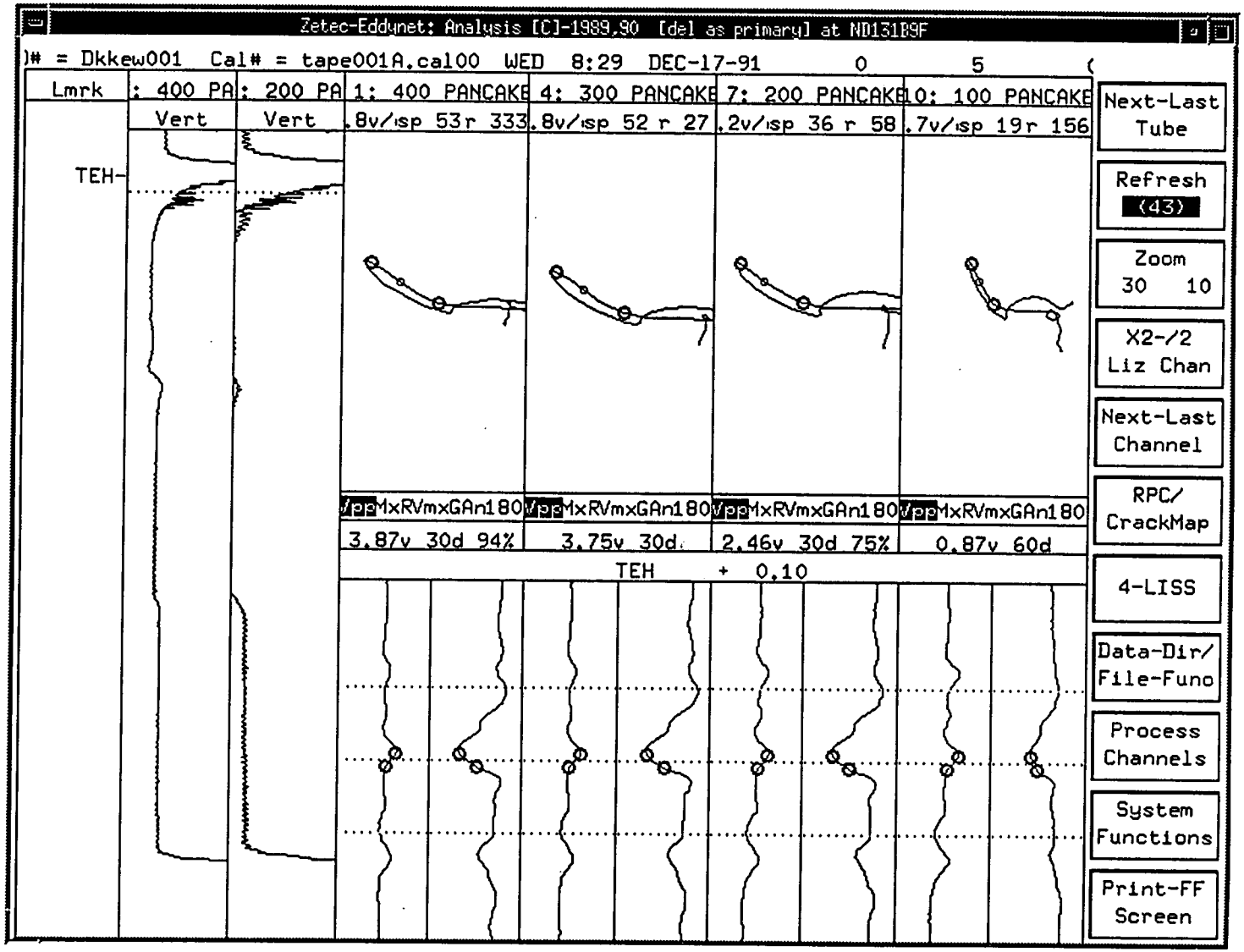

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD151B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91 0 4 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
1.28 v/d span 52 rot 1
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.19
Next-Last Tube
Refresh (41)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Funotions
Print-FF Screen

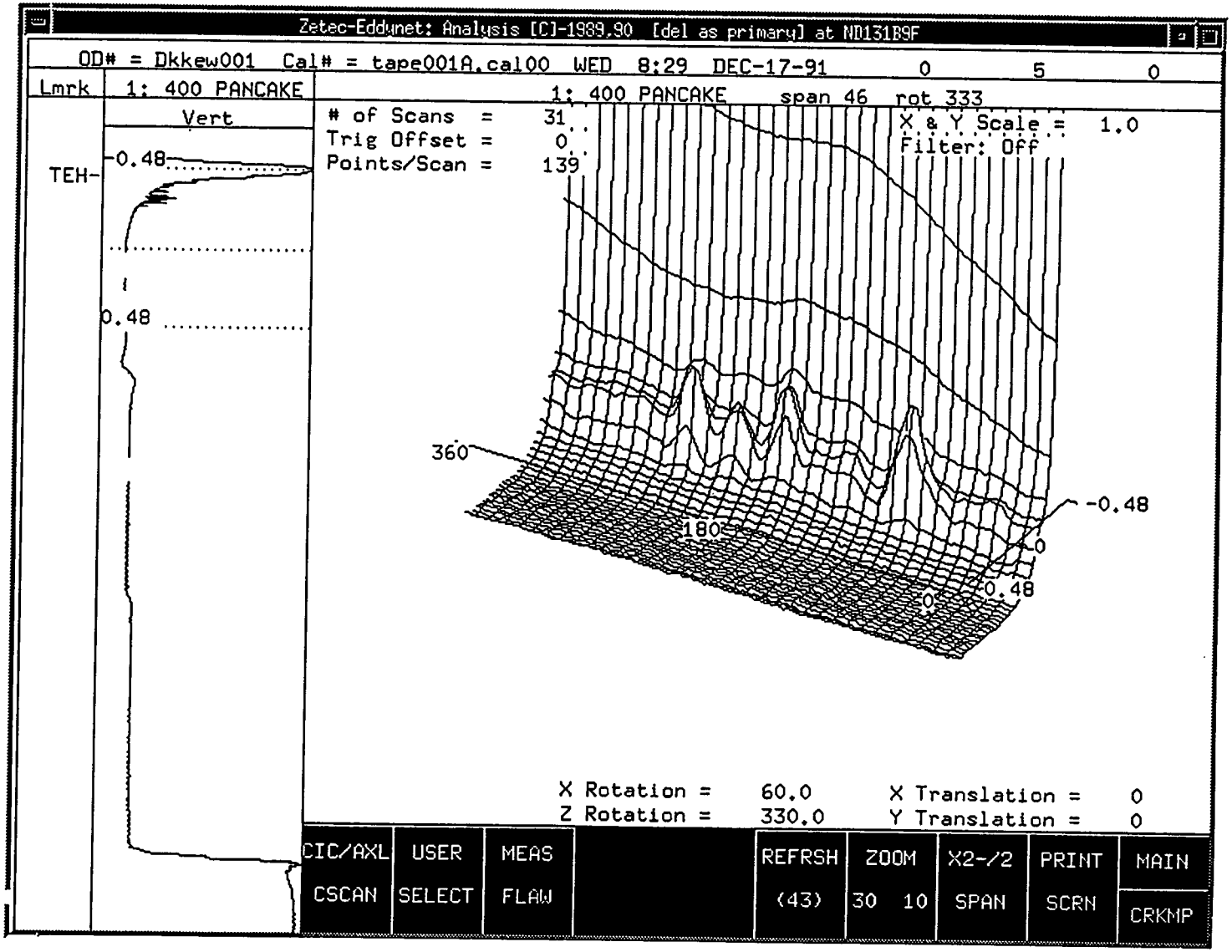

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91 0 4 0
Lmrk
2: 400 CIRC
Vert
TEH-
-0.49
0.49
2: 400 CIRC span 52 rot 1
# of Scans = 31
Trig Offset = 0
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.49
0
0.49
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(41)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

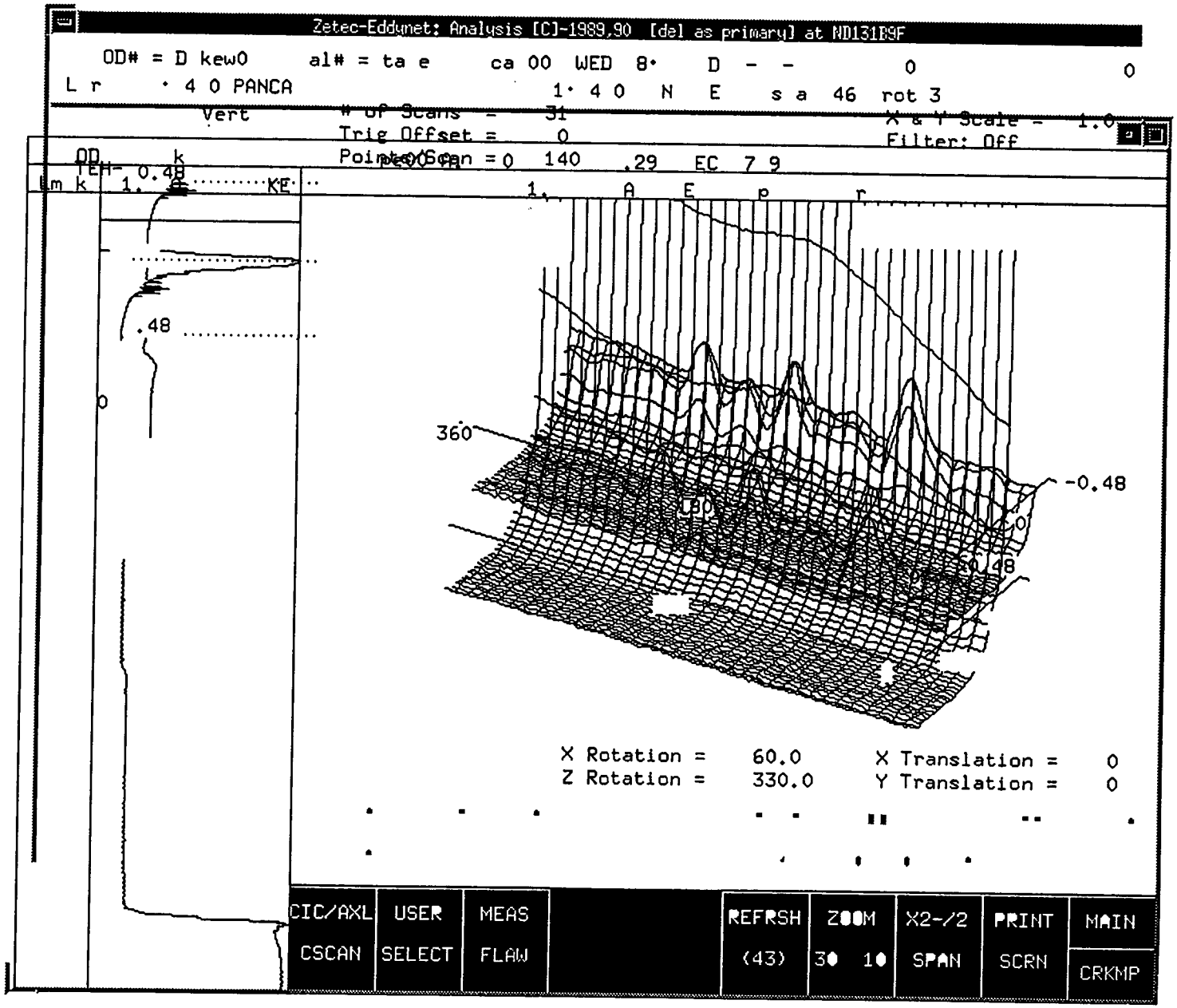

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91 0 4 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rot 7
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.14
Next-Last Tube
Refresh
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

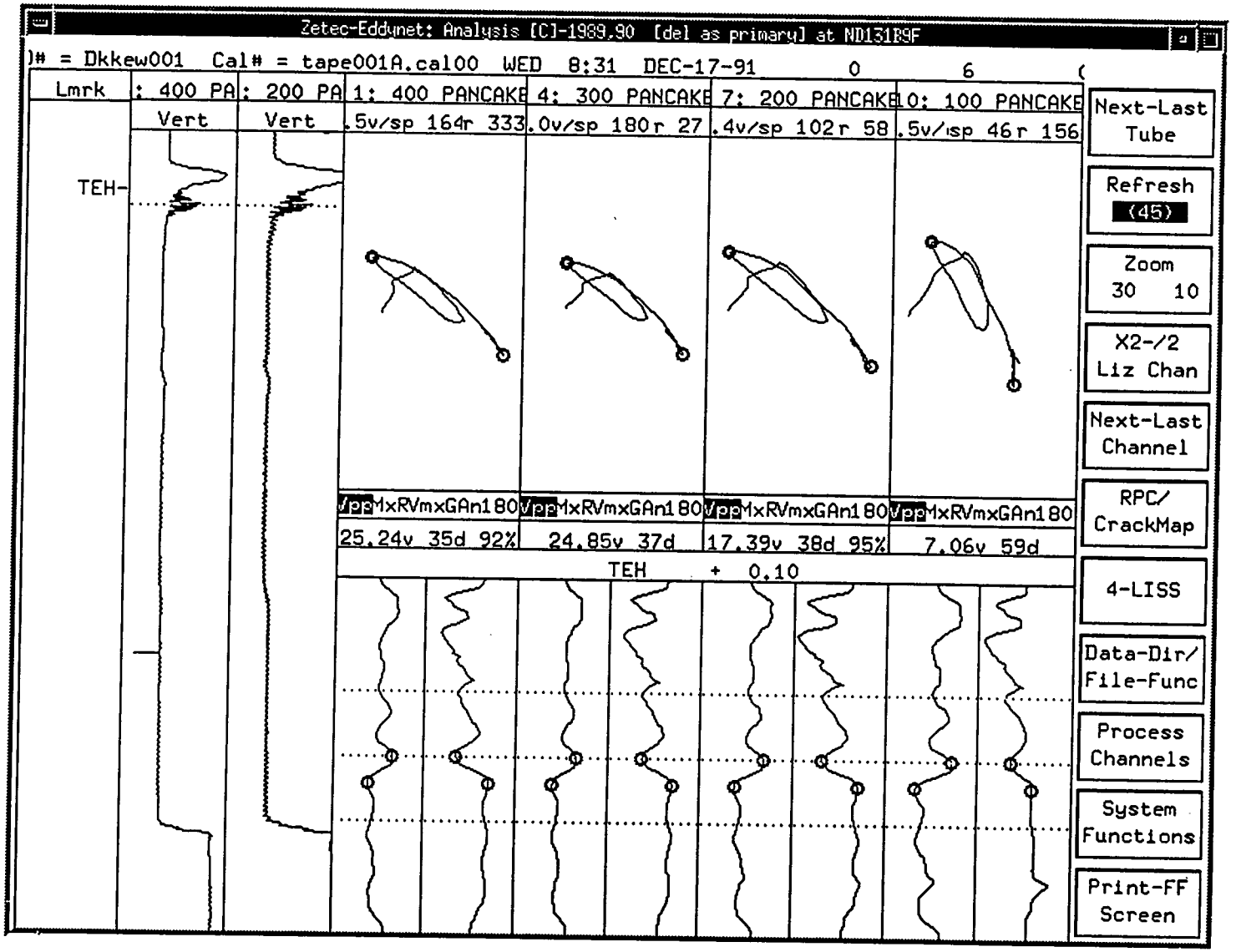

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:28 DEC-17-91 0 4 0
Lmrk
3: 400 AXIAL
Vert
TEH-
-0.49
0.49
3: 400 AXIAL span 51 rot 7
# of Scans = 31
Trig Offset = 0
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.49
0
0.49
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(41)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

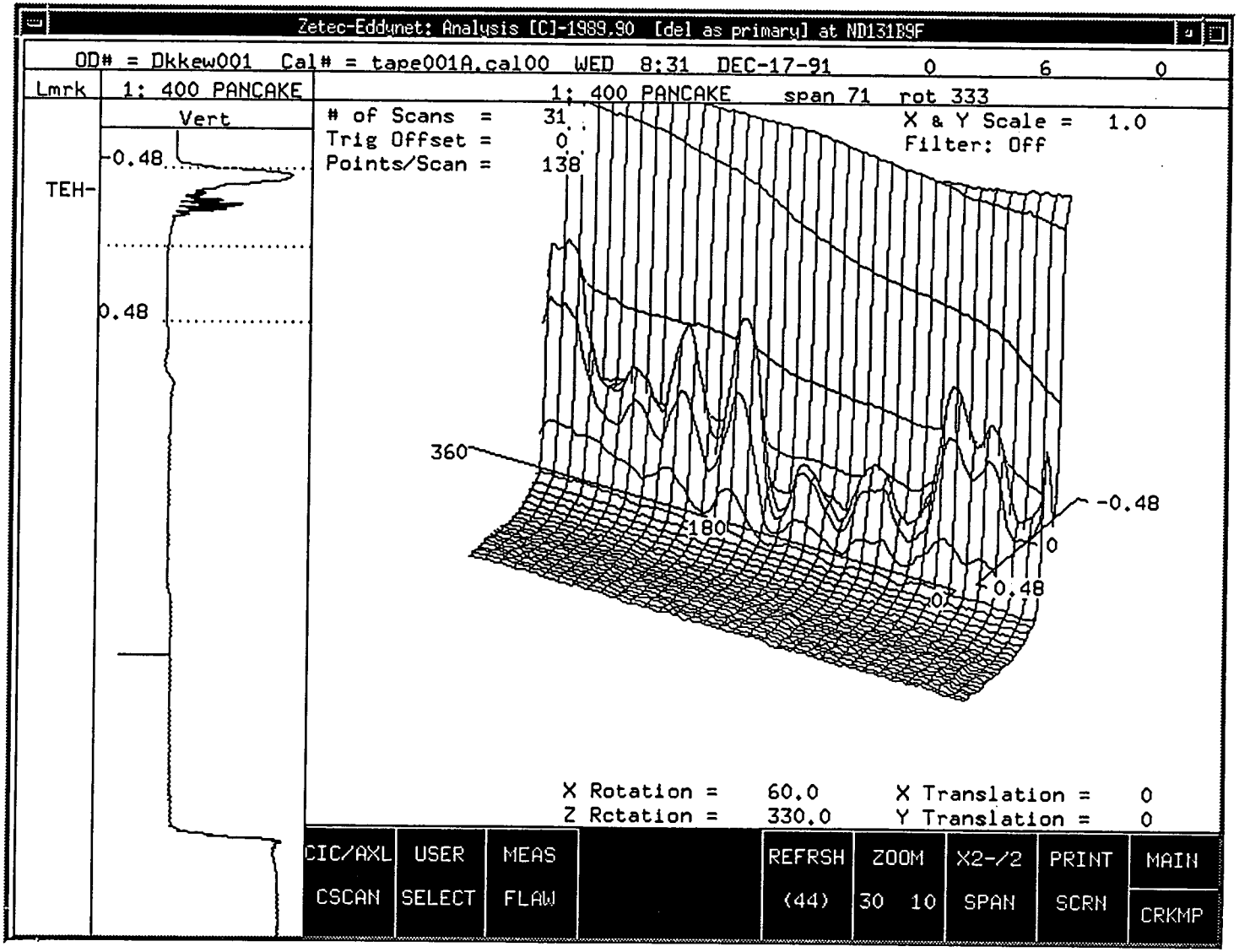

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:29 DEC-17-91 0 5
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.8v/sp 53r 333
.8v/sp 52 r 27
.2v/sp 36 r 58
.7v/sp 19r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
6.32v 43d 90%
6.41v 42d
4.62v 35d 88%
1.82v 32d
TEH + 0.17
Next-Last Tube
Refresh (41)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

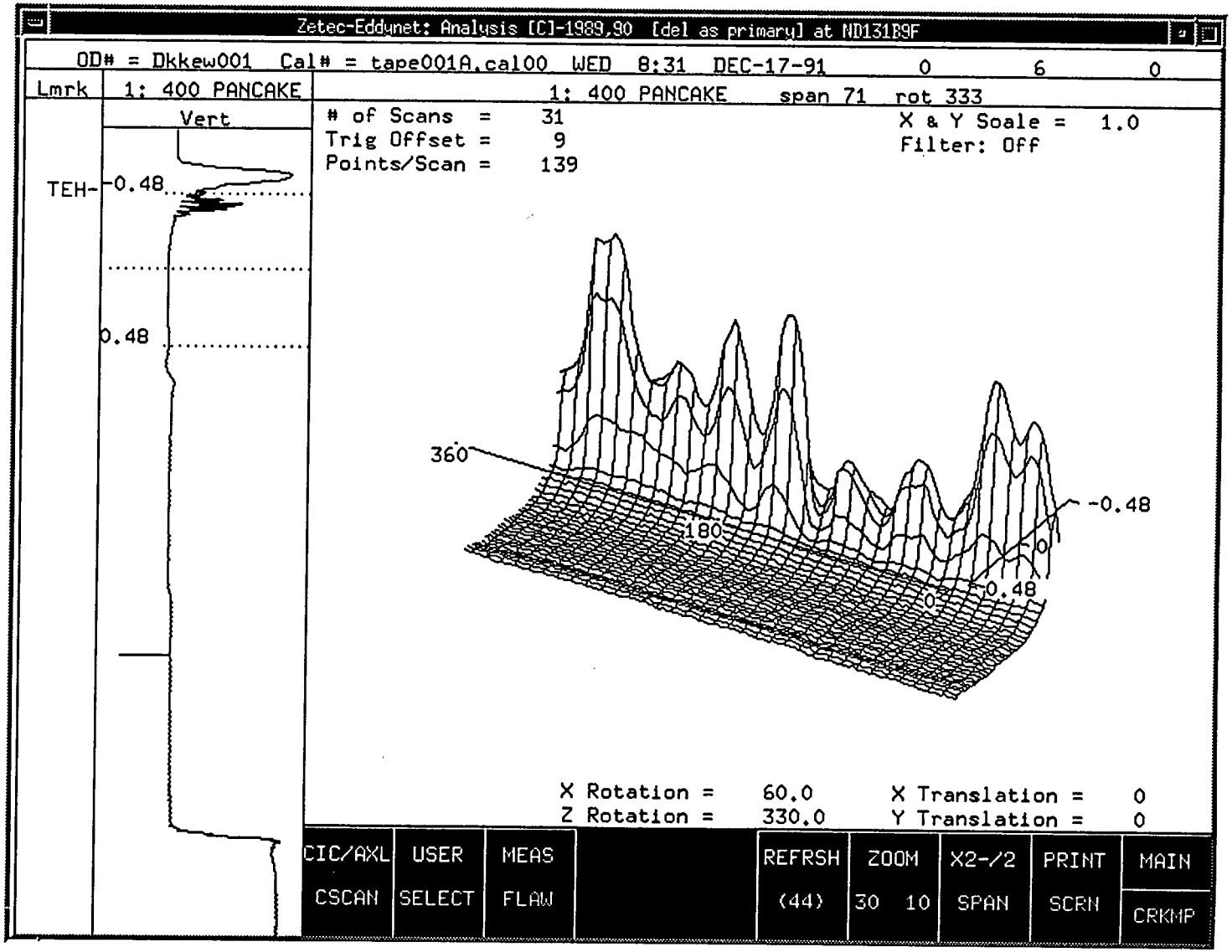

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:29 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.8v/sp 53r 333
.8v/sp 52 r 27
.2v/sp 36 r 58
.7v/sp 19r 156
TEH
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
MxRVmxGAn180
3.87v 30d 94%
3.75v 30d
2.46v 30d 75%
0.87v 60d
TEH + 0.10
Next-Last Tube
Refresh (43)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

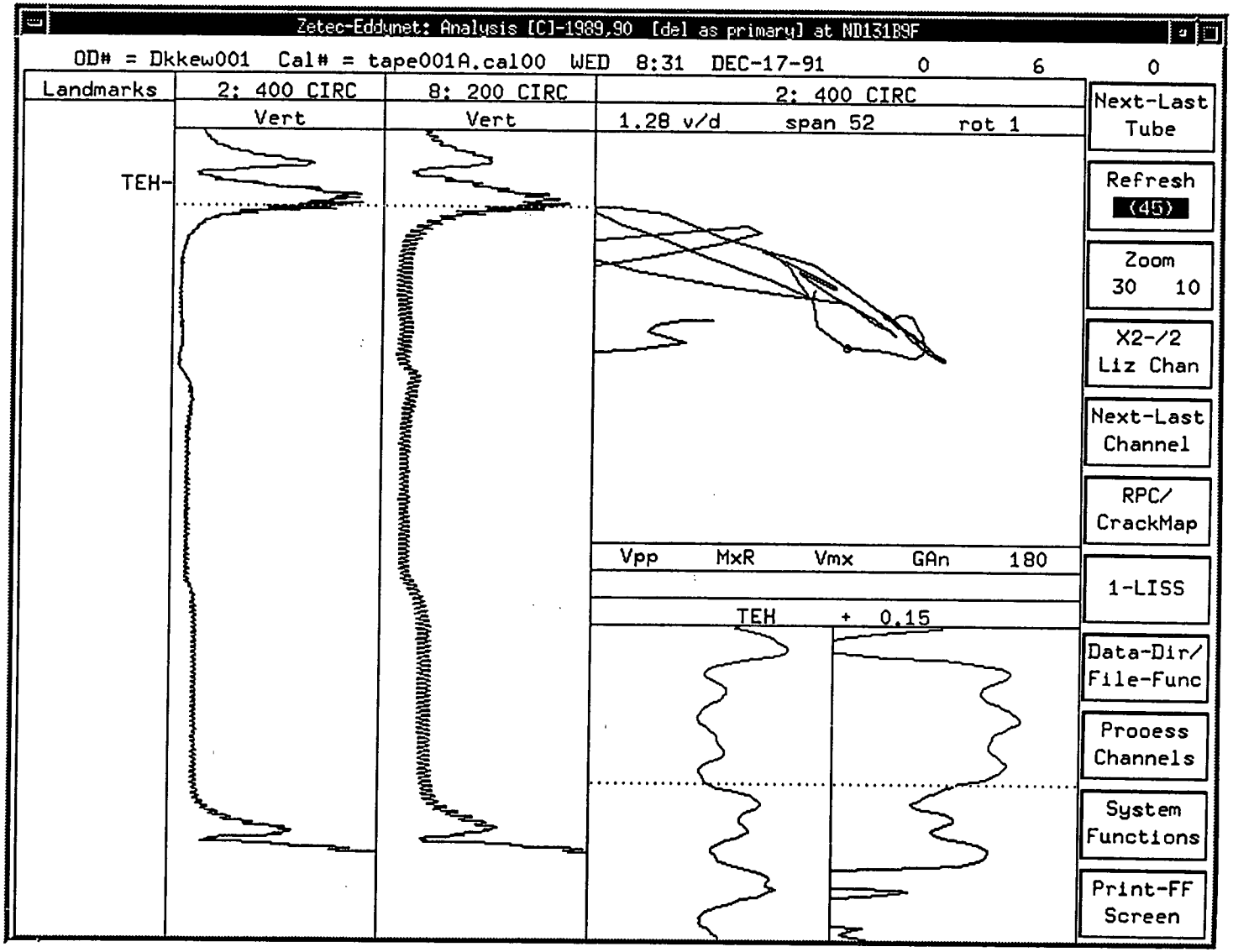

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:29 DEC-17-91 0 5 0
Lmrk 1: 400 PANCAKE
Vert
TEH-
0.48
0.48
1: 400 PANCAKE span 46 rot 333
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
-0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (43)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN CRKMP

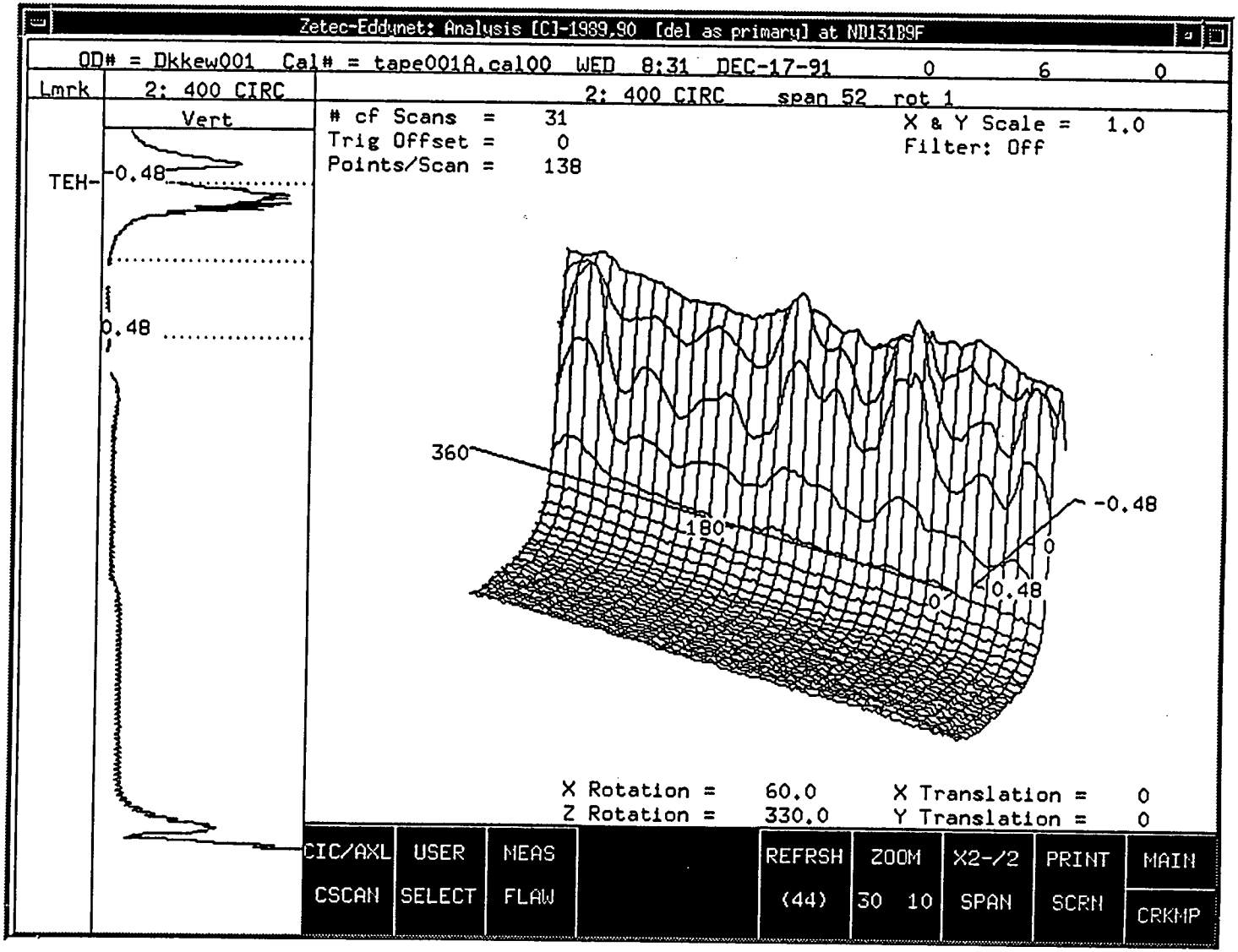

Zetec-Eddymet: Analysis [C]-1989,90 [del as primary] at ND131B9F
Vert
# of Scans = 31
Trig Offset = 0
X & Y Scale = 1.0
Filter: Off
.48
0
360
-0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (43)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN CRKMP

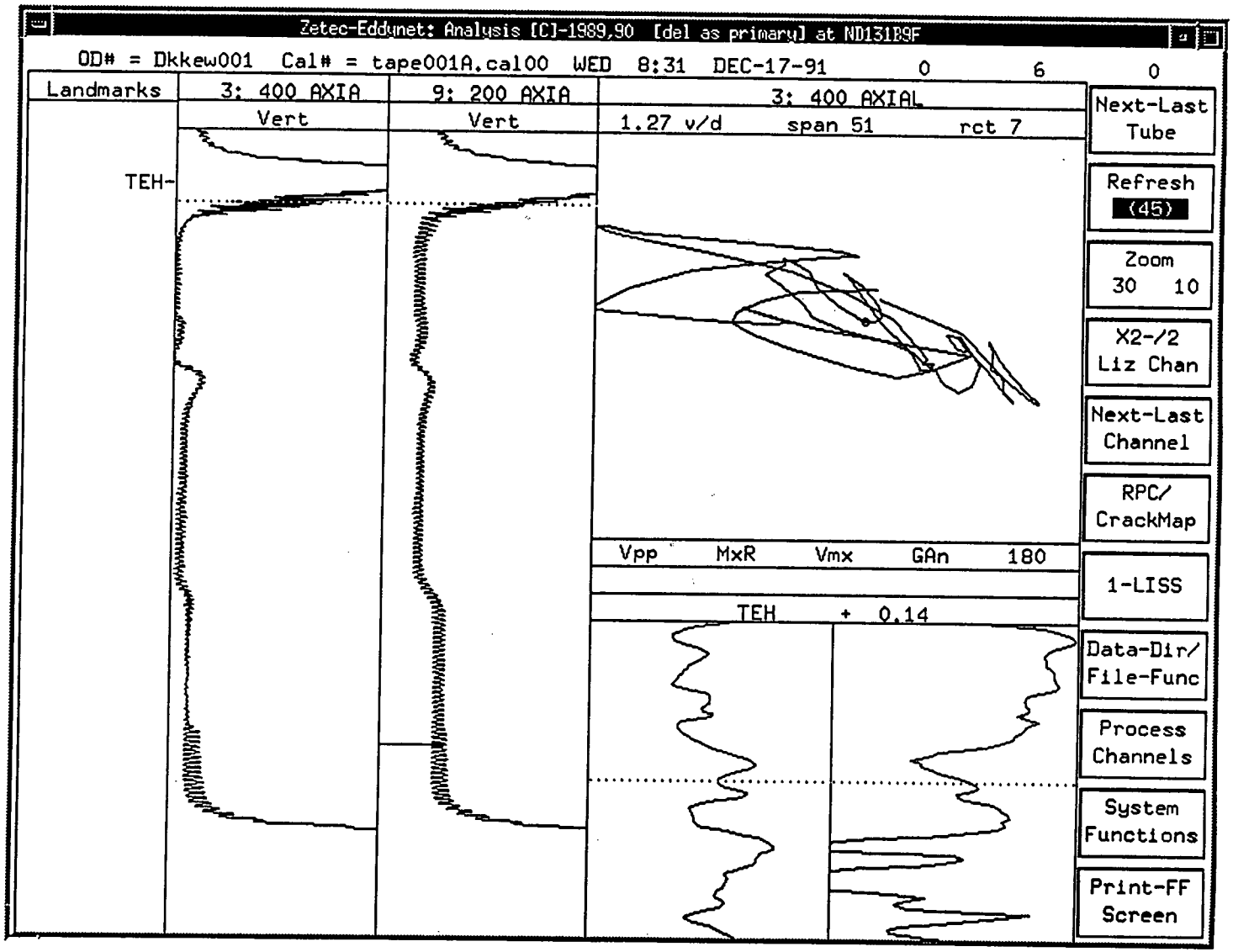

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131R9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.5v/sp 164r 333
.0v/sp 180r 27
.4v/sp 102r 58
.5v/sp 46r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
25.24v 35d 92%
24.85v 37d
17.39v 38d 95%
7.06v 59d
TEH + 0.10
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

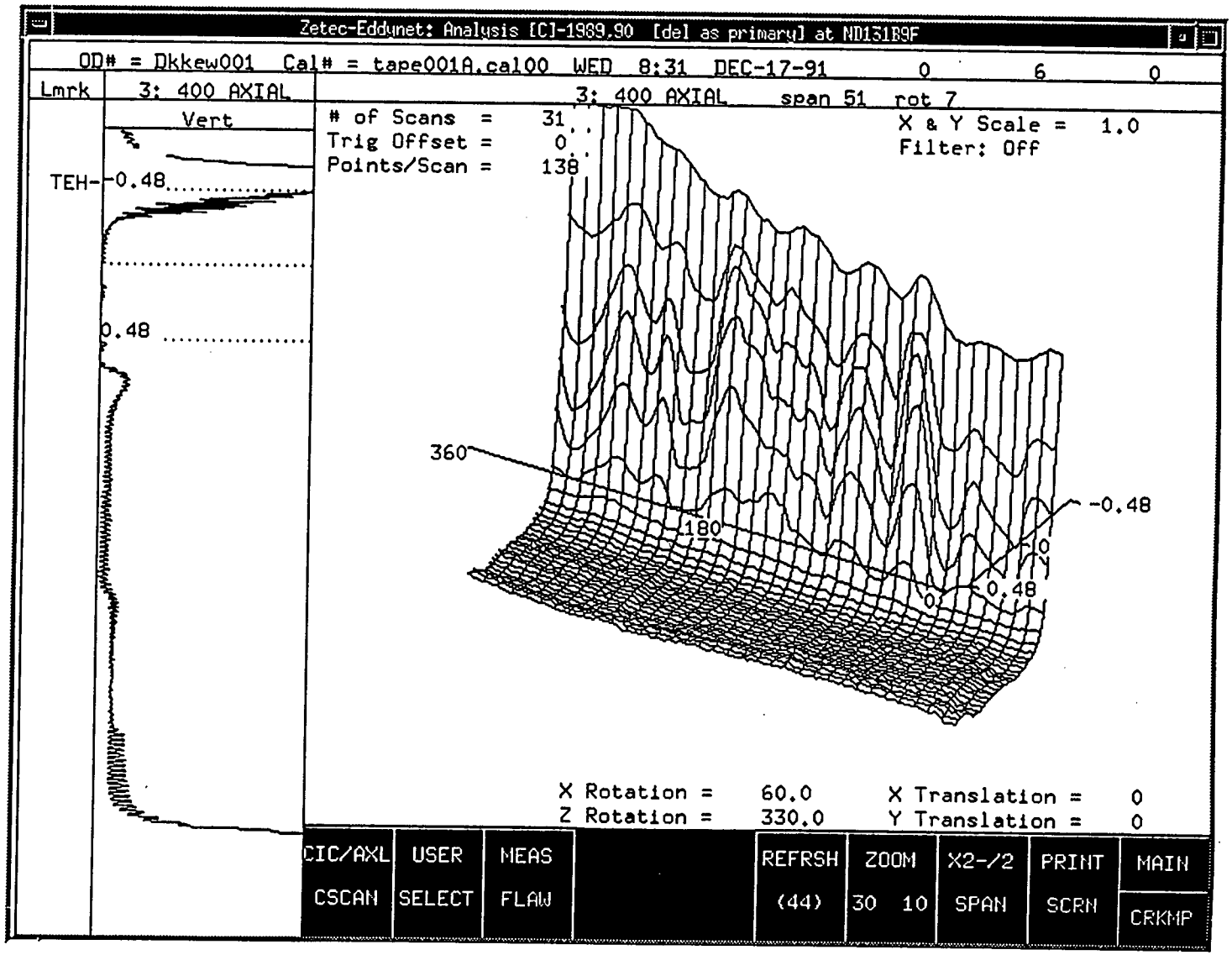

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131BSF
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91 0 6 0
Lmrk
1: 400 PANCAKE
Vert
-0.48
TEH-
0.48
1: 400 PANCAKE span 71 rot 333
# of Scans = 31
Trig Offset = 0
Points/Scan = 138
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

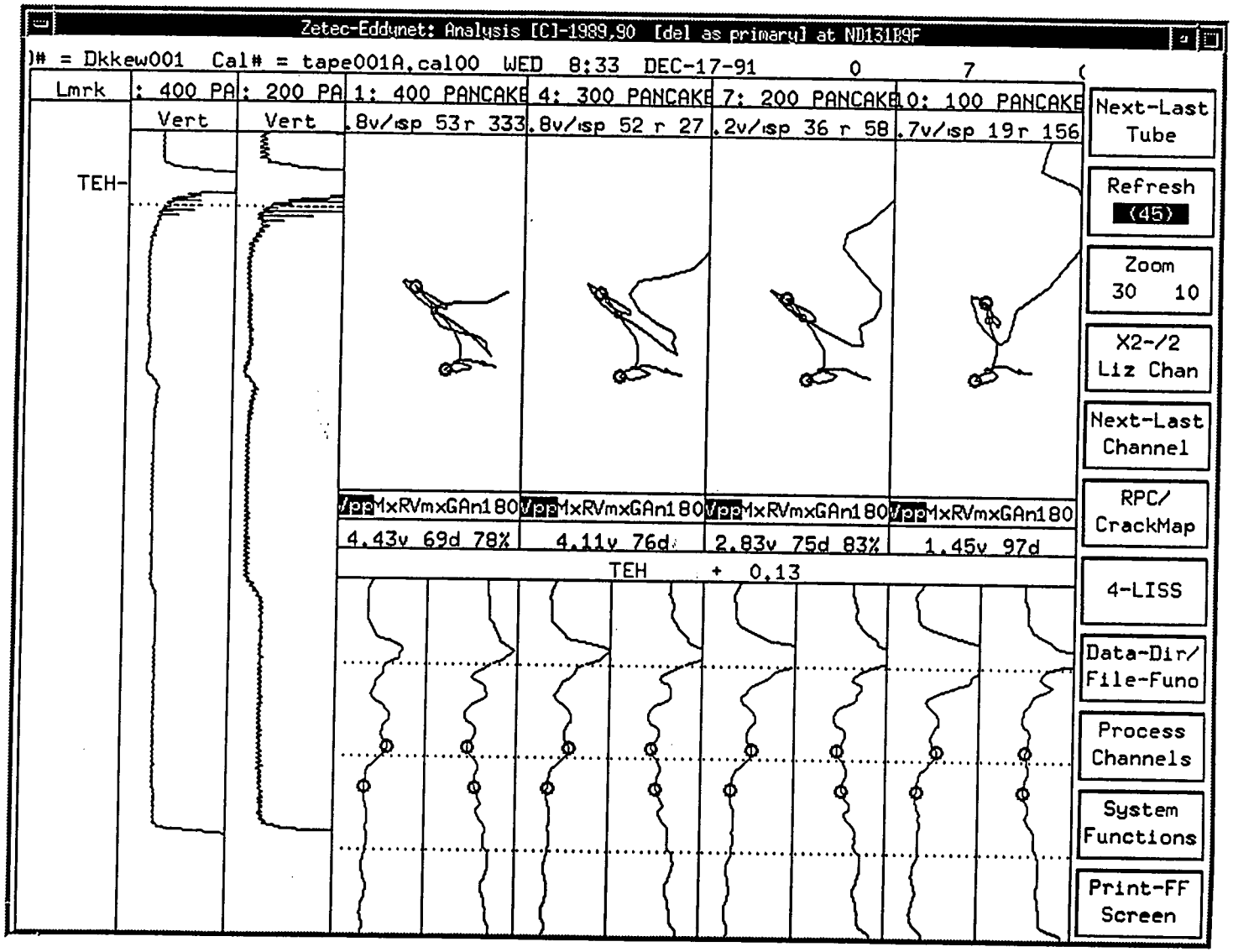

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91 0 6 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 71 rot 333
Vert
TEH-
-0.48
0.48
# of Scans = 31
Trig Offset = 9
Points/Scan = 139
X & Y Soale = 1.0
Filter: Off
360
180
0
-0.48
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

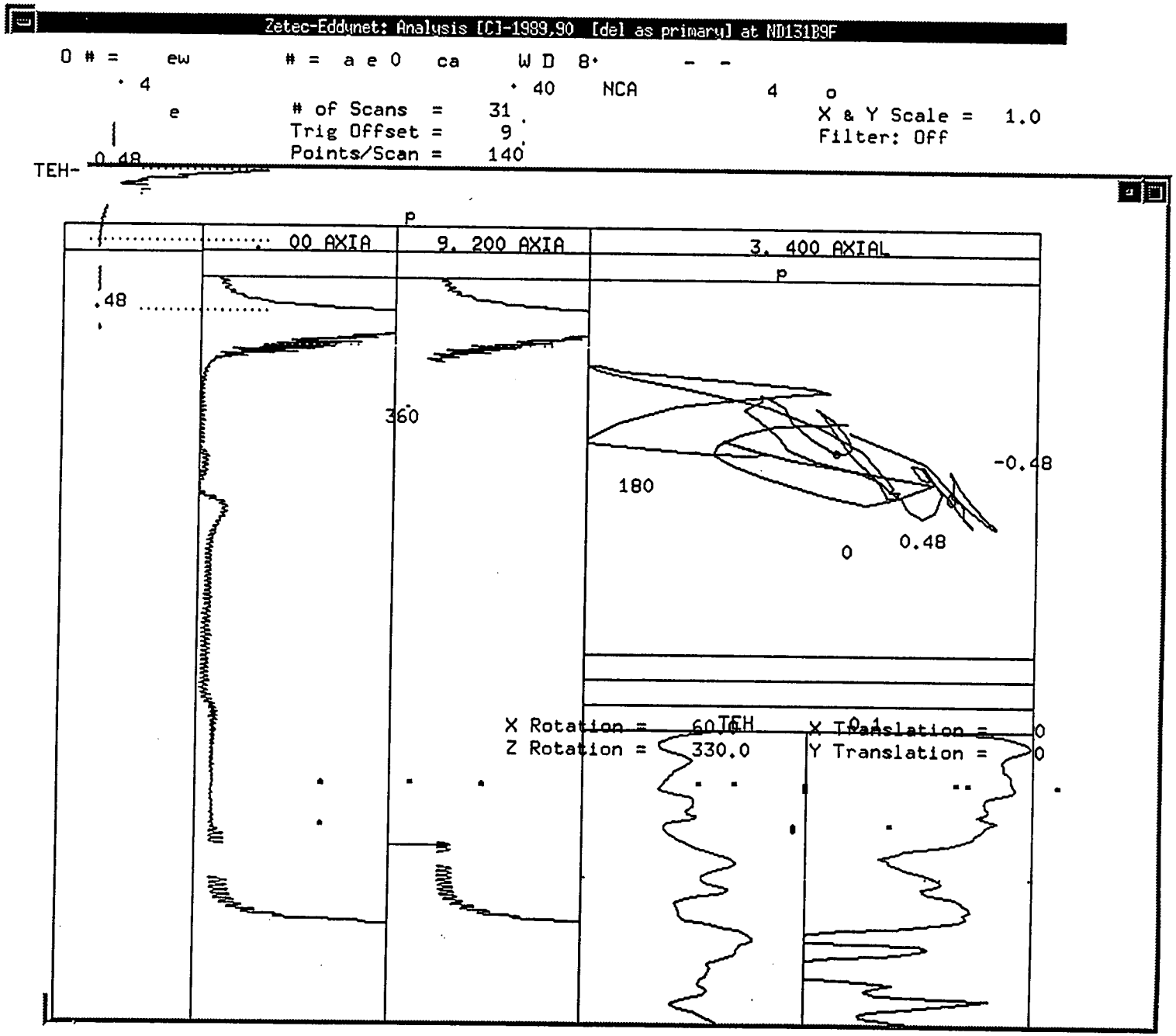

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91 0 6 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
1.28 v/d span 52 rot 1
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.15
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Functions
Print-FF Screen

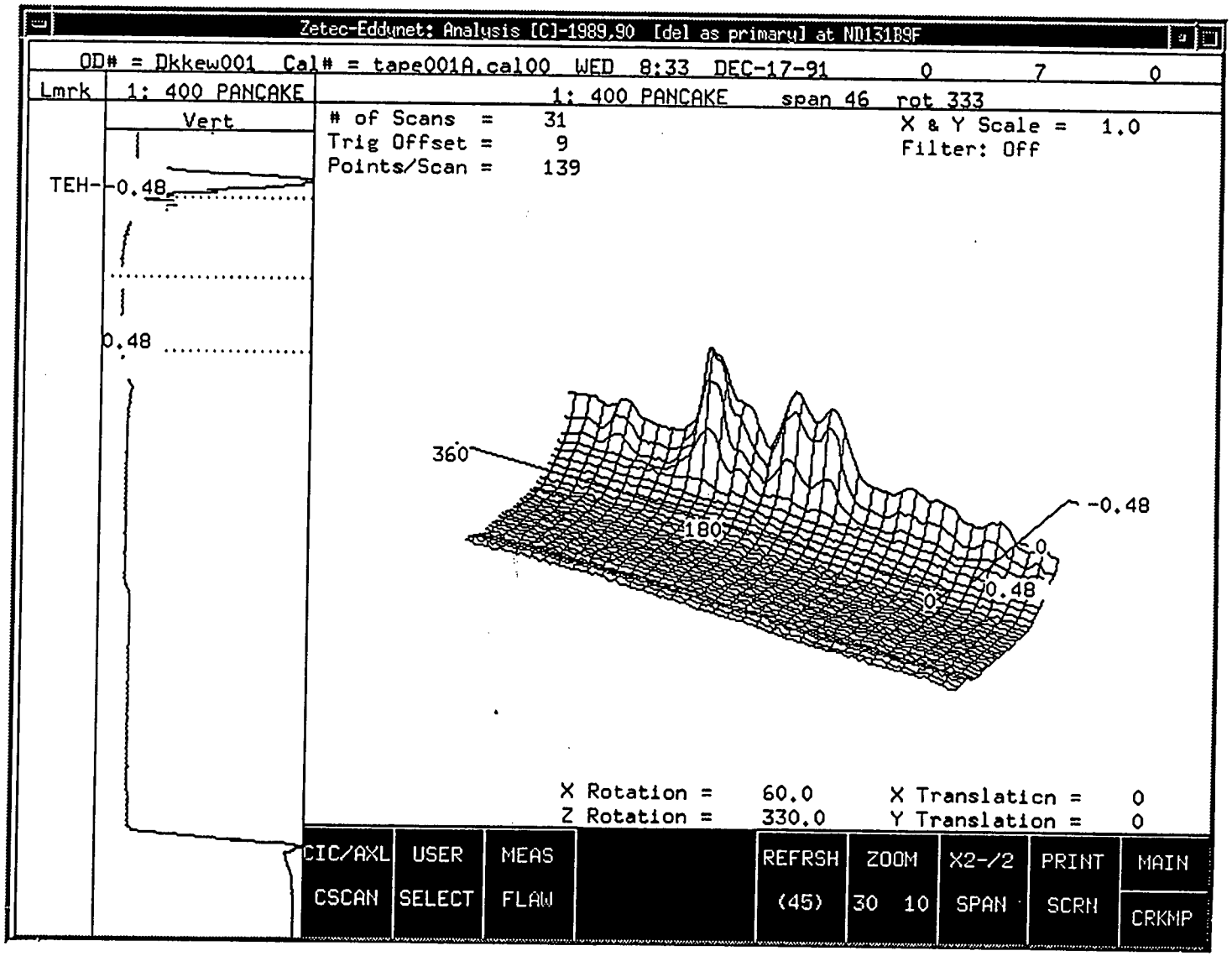

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91 0 6 0
Lmrk
2: 400 CIRC
Vert
2: 400 CIRC span 52 rot 1
# of Scans = 31
Trig Offset = 0
Points/Scan = 138
X & Y Scale = 1.0
Filter: Off
TEH-
-0.48
0.48
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

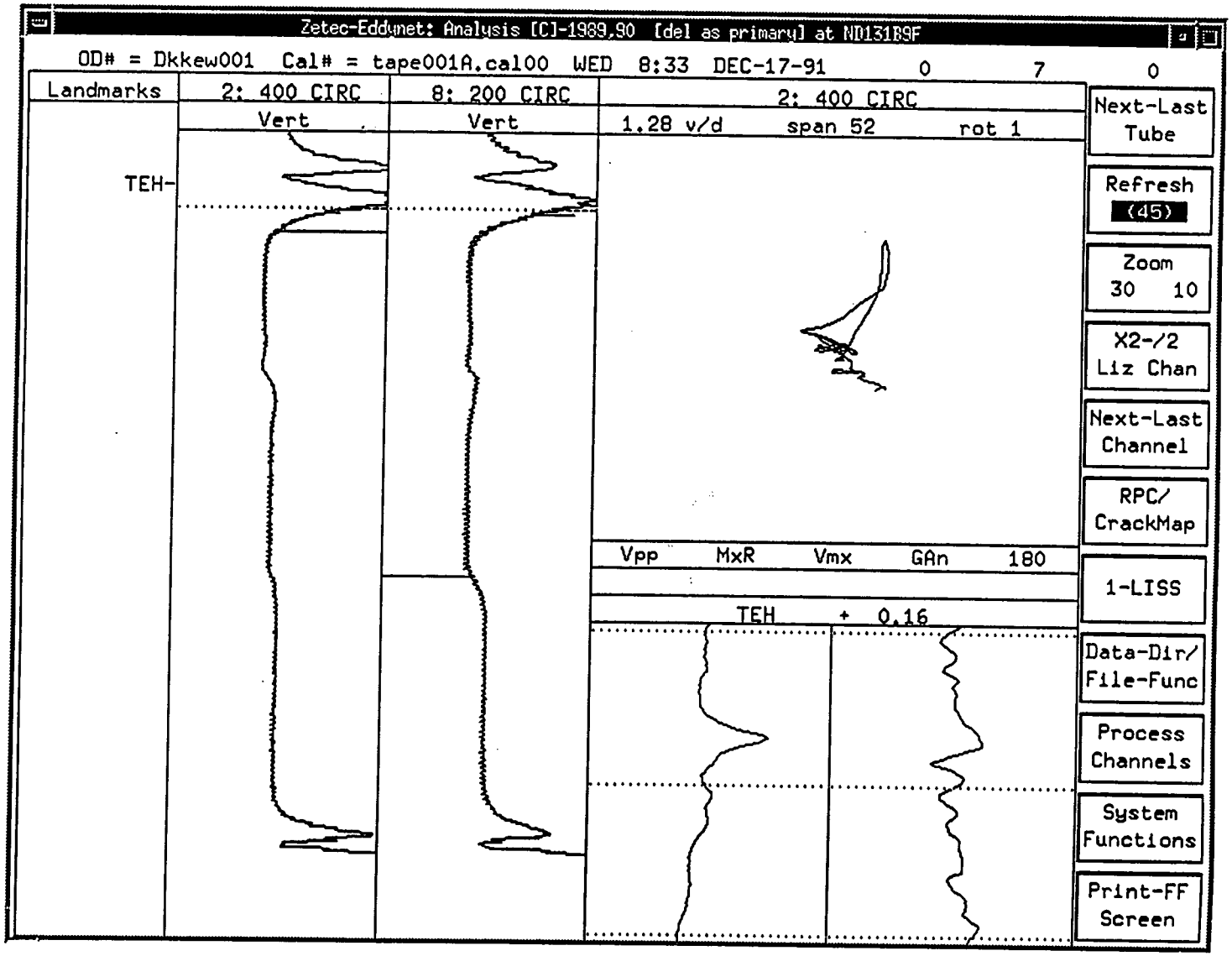

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91
0
6
0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d
span 51
rct 7
TEH-
Vpp
MxR
Vmx
GAn
180
TEH
+ 0.14
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

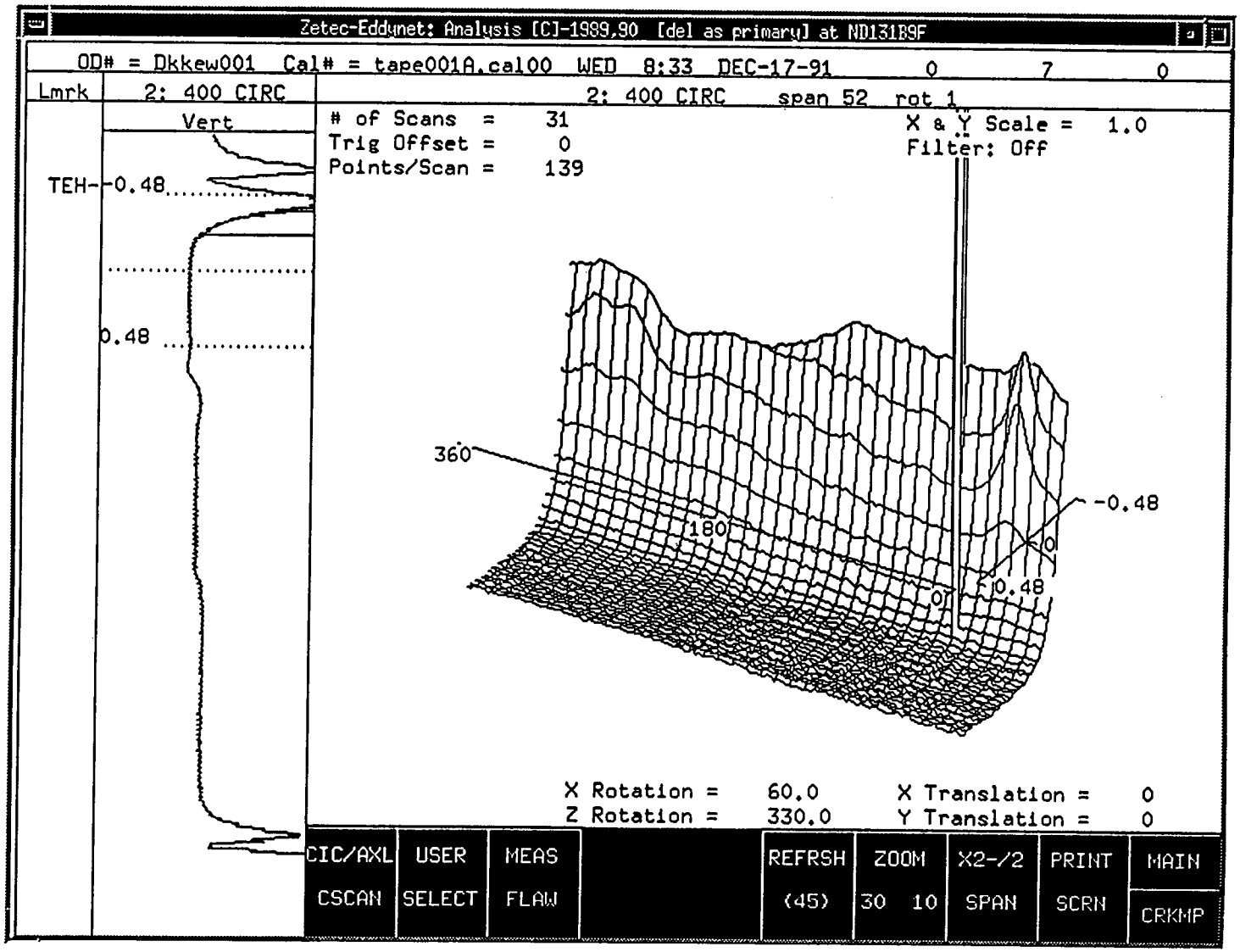

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:31 DEC-17-91 0 6 0
Lmrk 3: 400 AXIAL
3: 400 AXIAL span 51 rot 7
Vert
TEH-
-0.48
0.48
# of Scans = 31
Trig Offset = 0
Points/Scan = 138
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

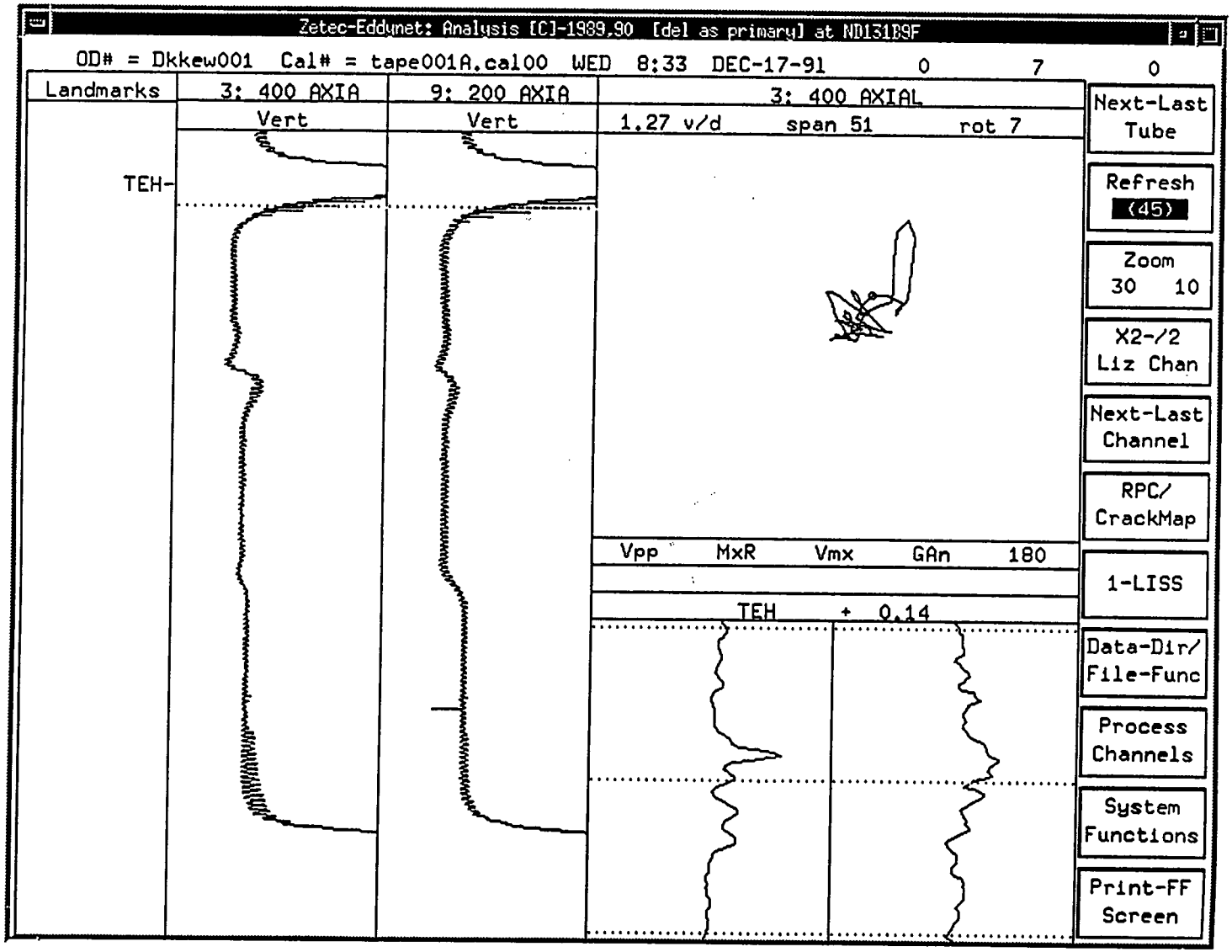

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:33 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
0: 100 PANCAKE
Vert
Vert
.8v/sp 53r 333
.8v/sp 52 r 27
.2v/sp 36 r 58
.7v/sp 19r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
4.43v 69d 78%
4.11v 76d
2.83v 75d 83%
1.45v 97d
TEH + 0.13
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen

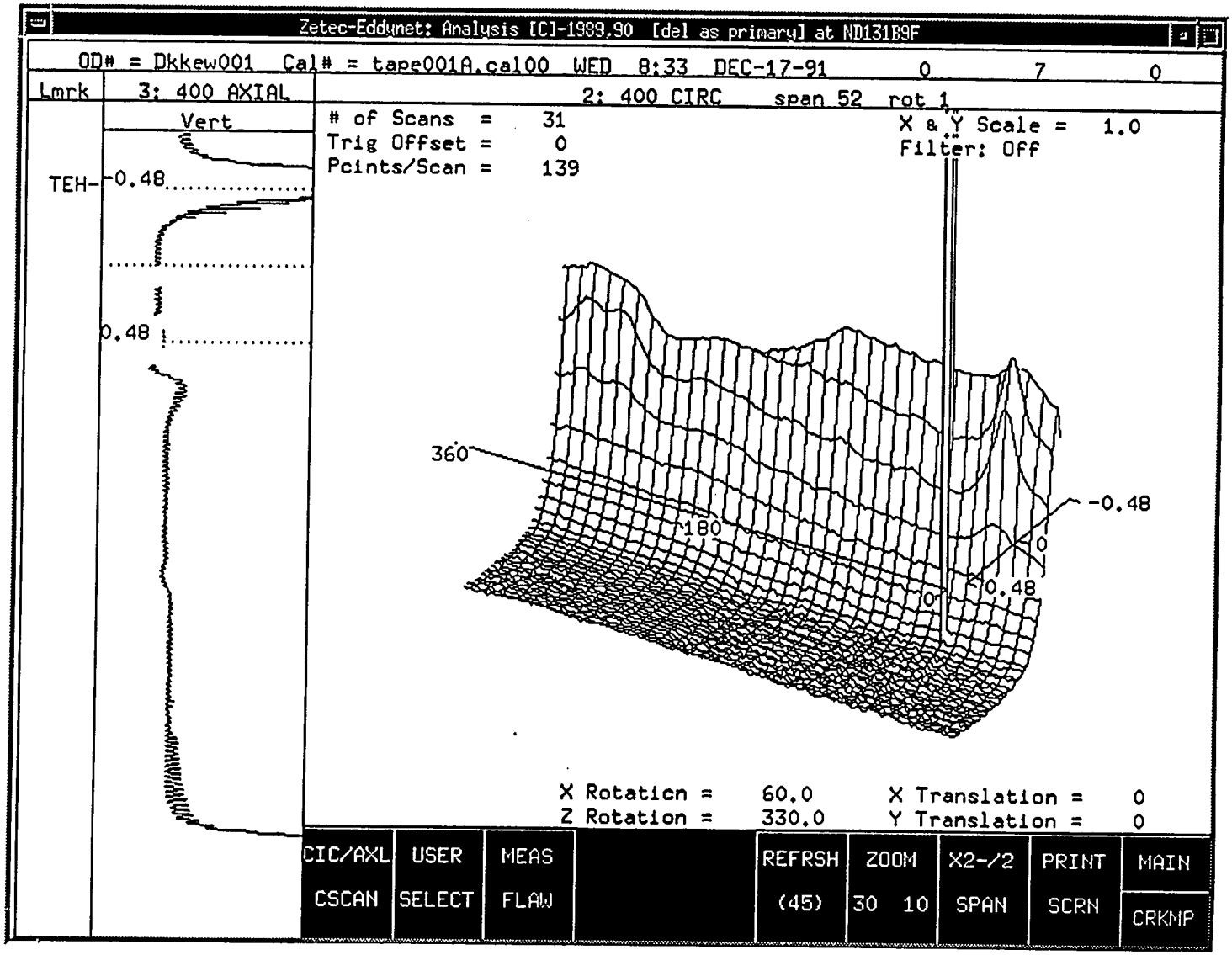

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
# of Scans = 31
Trig Offset = 9
Points/Scan = 140
X & Y Scale = 1.0
Filter: Off
TEH-
00 AXIA
9. 200 AXIA
3. 400 AXIAL
.48
360
180
0
0.48
-0.48
X Rotation = 60.0
Z Rotation = 330.0
TEH
X Translation = 0
Y Translation = 0

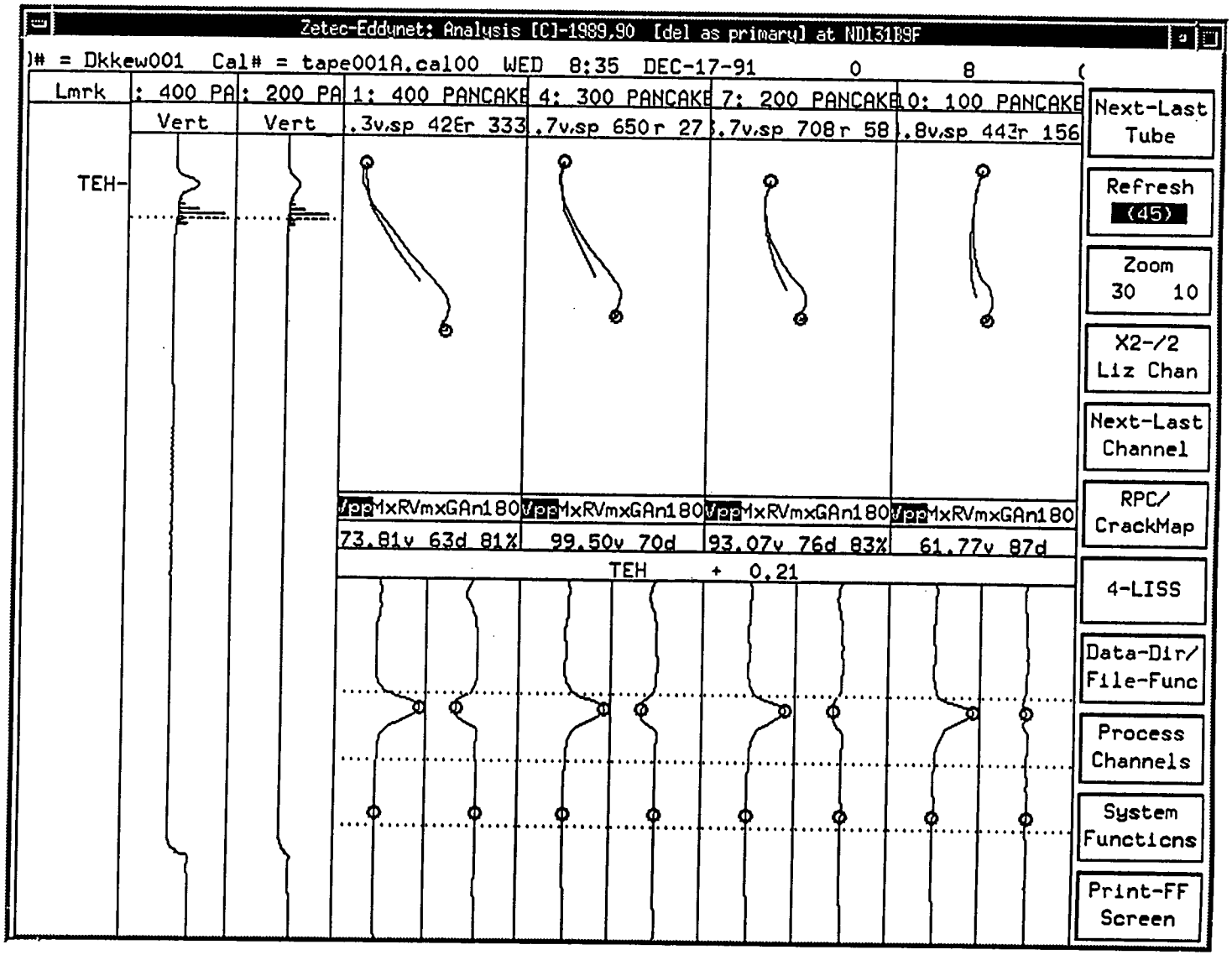

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:33 DEC-17-91 0 7 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 46 rot 333
Vert
# of Scans = 31
Trig Offset = 9
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
TEH
-0.48
0.48
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(45)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

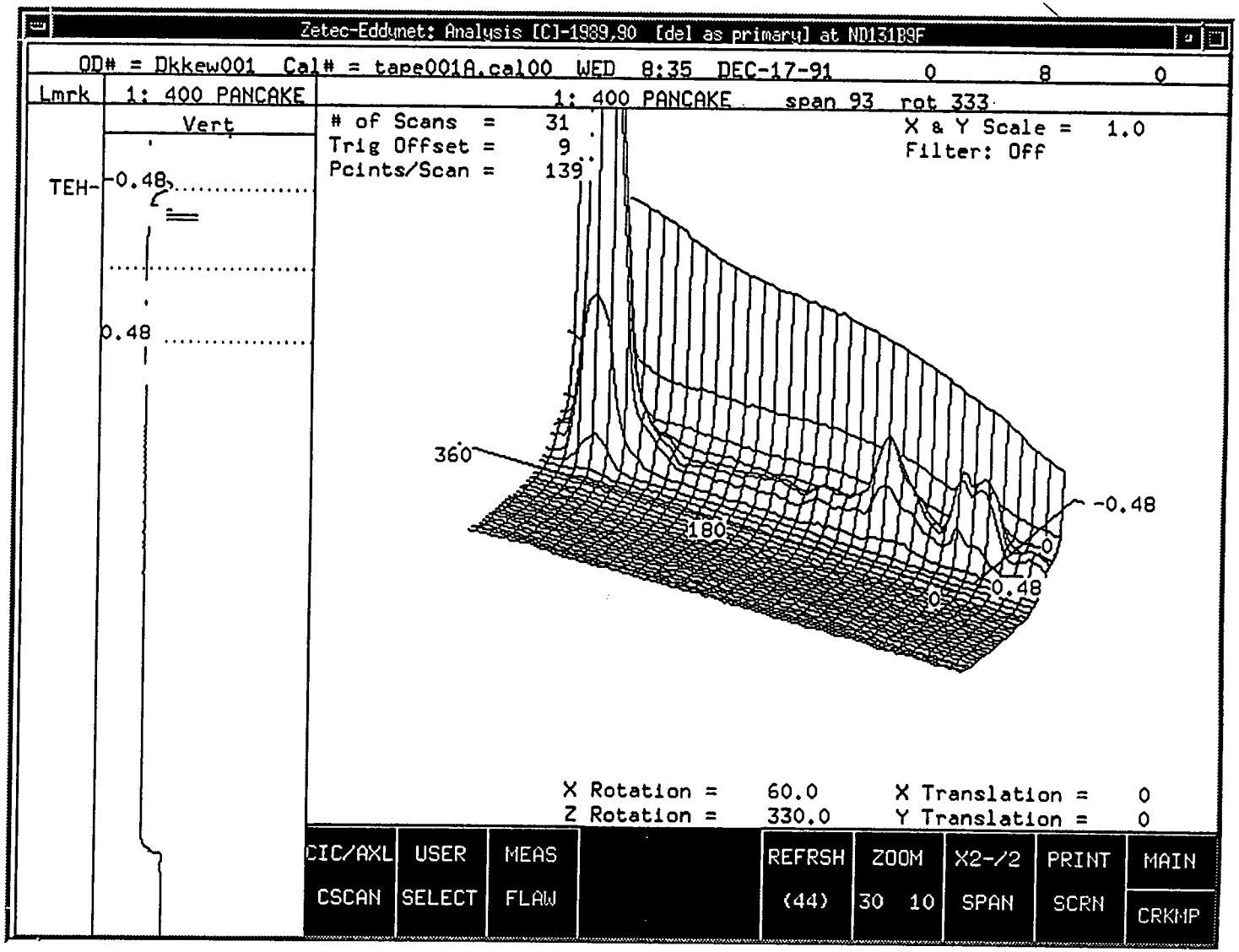

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:33 DEC-17-91 0 7 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
1.28 v/d span 52 rot 1
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.16
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

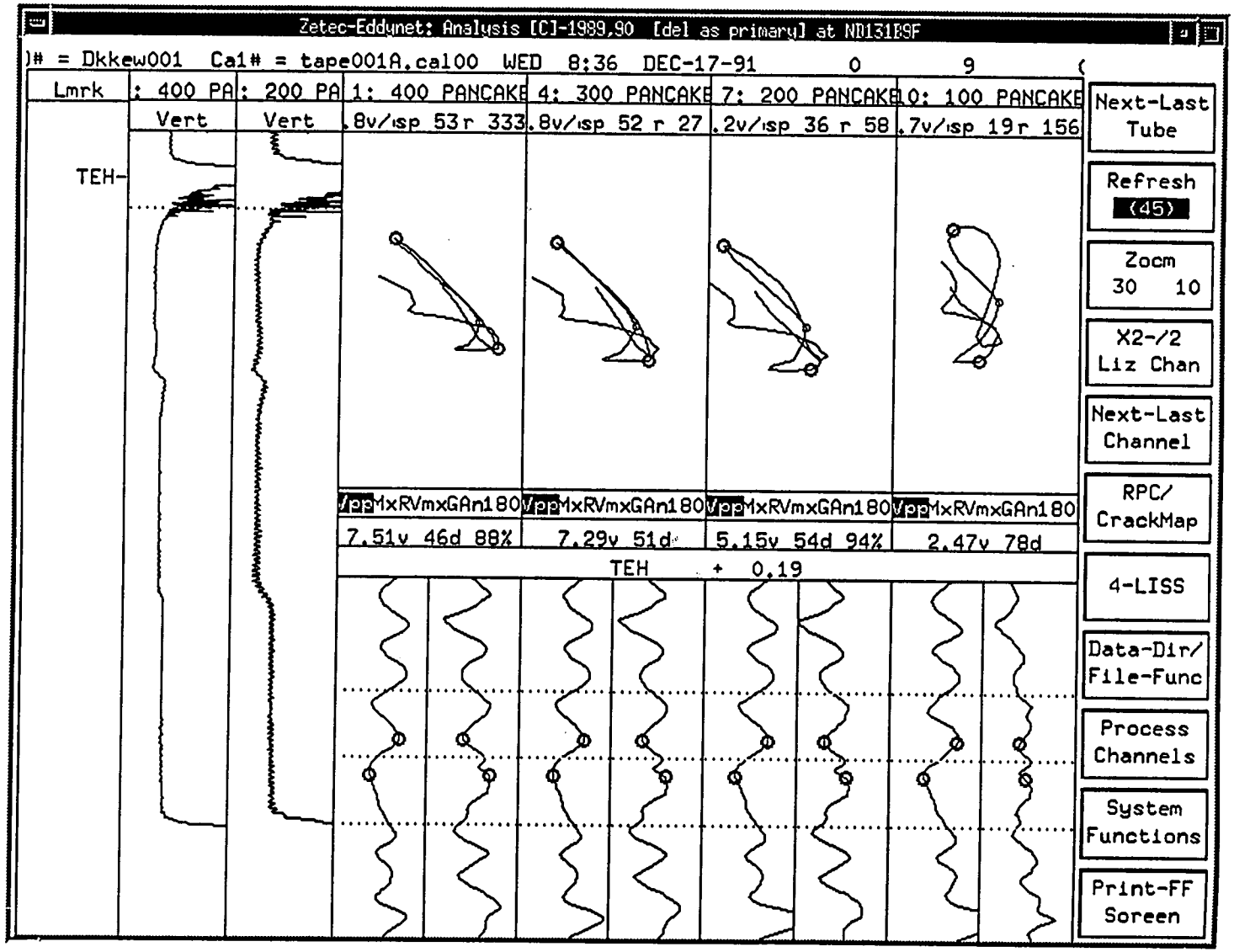

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:33 DEC-17-91 0 7 0
Lmrk 2: 400 CIRC
Vert
TEH--0.48
0.48
2: 400 CIRC span 52 rot 1
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(45)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

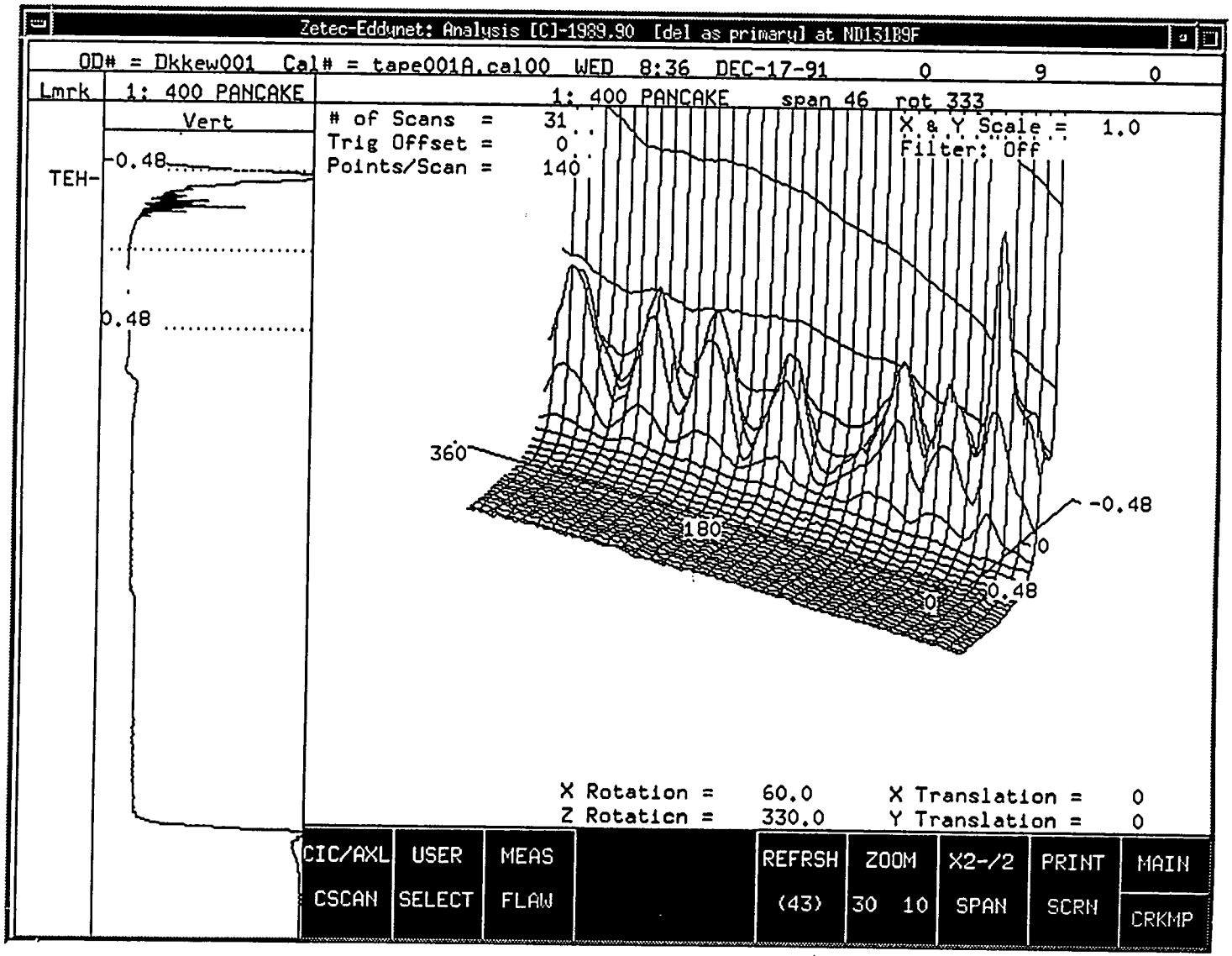

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:33 DEC-17-91 0 7 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rot 7
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.14
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

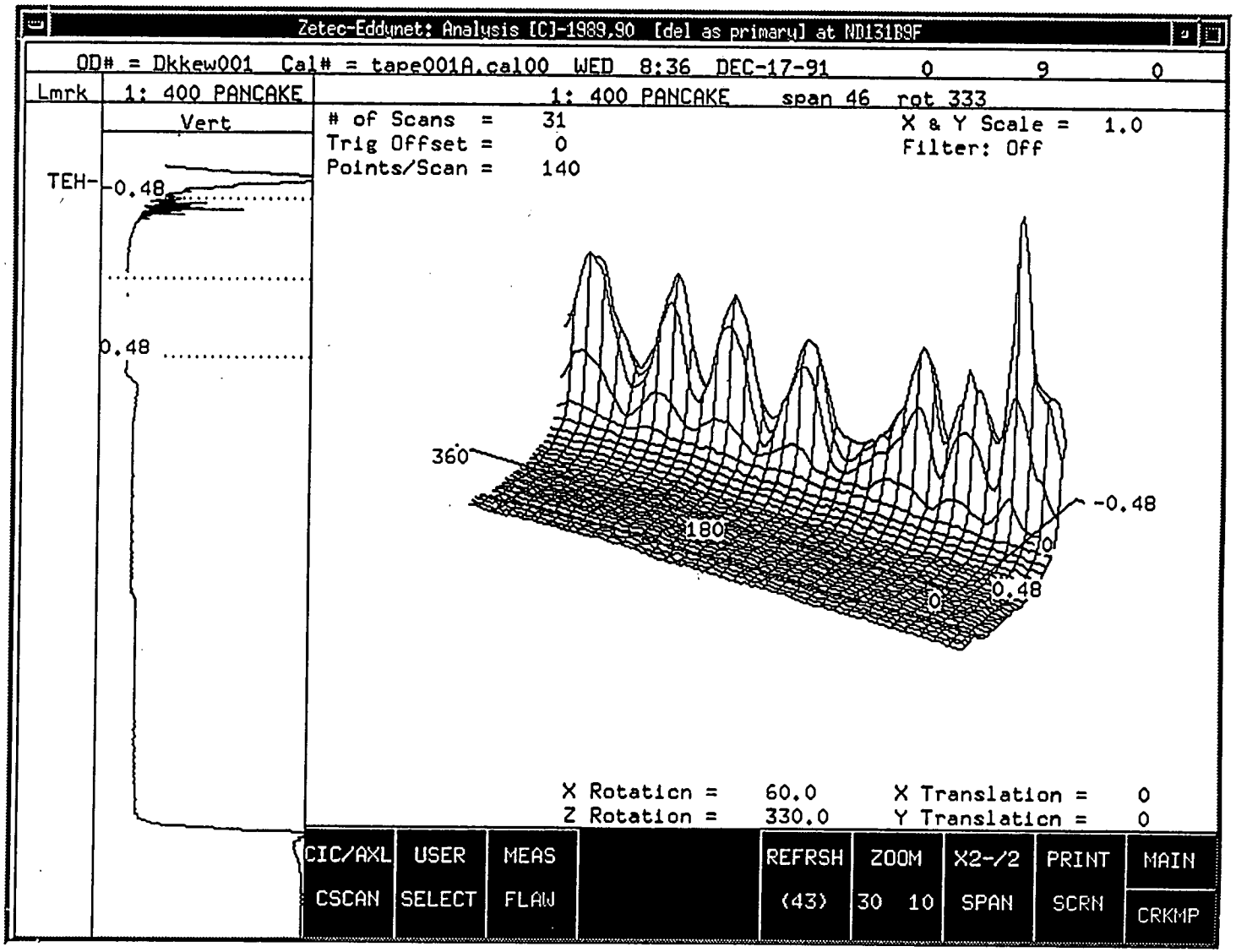

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:33 DEC-17-91 0 7 0
Lmrk
3: 400 AXIAL
2: 400 CIRC span 52 rot 1
Vert
TEH
-0.48
0.48
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (45)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

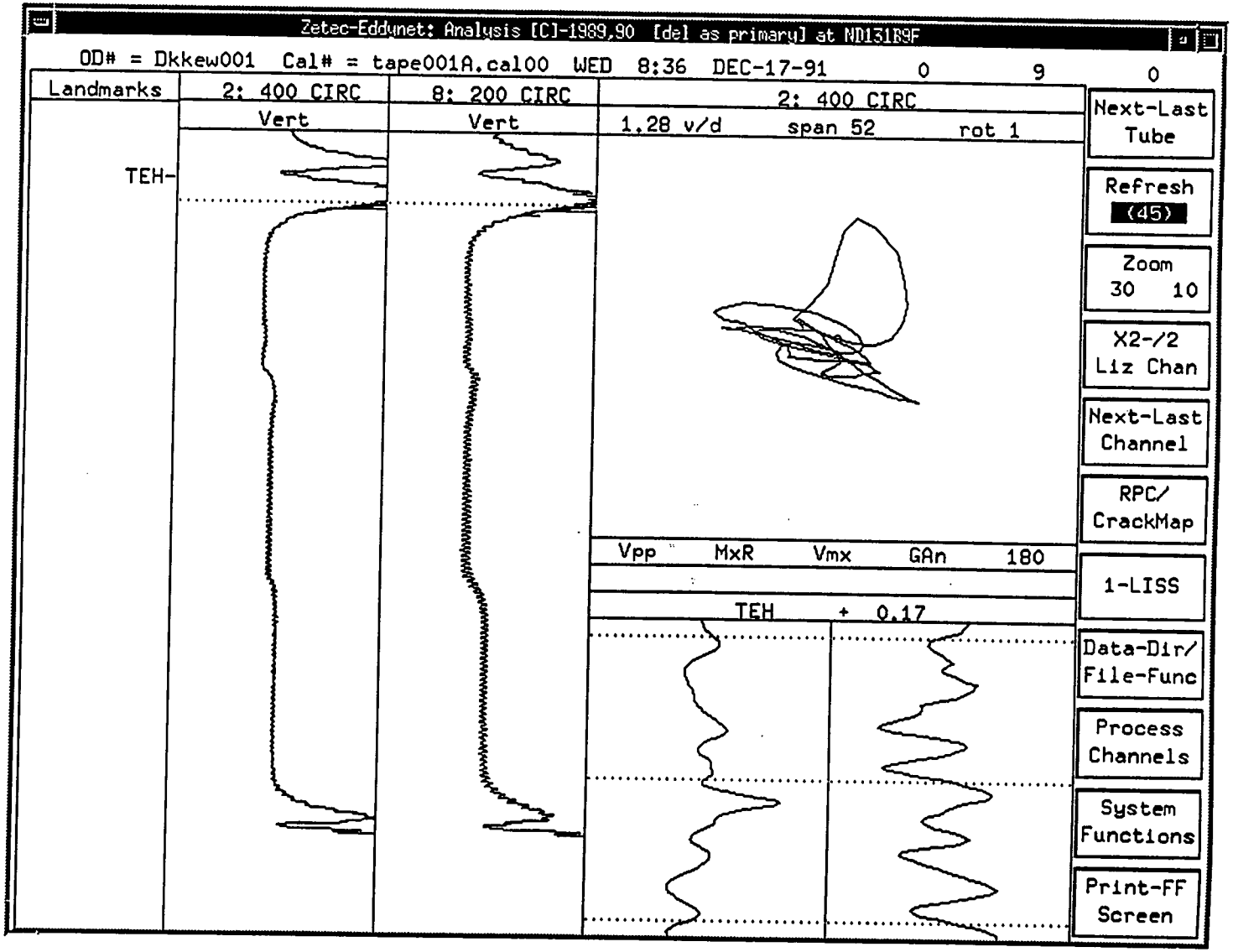

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at NDI31B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:35 DEC-17-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
0: 100 PANCAKE
Vert
Vert
.3v,sp 42Er 333
.7v,sp 650r 27
.7v,sp 708r 58
.8v,sp 443r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
73.81v 63d 81%
99.50v 70d
93.07v 76d 83%
61.77v 87d
TEH + 0.21
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

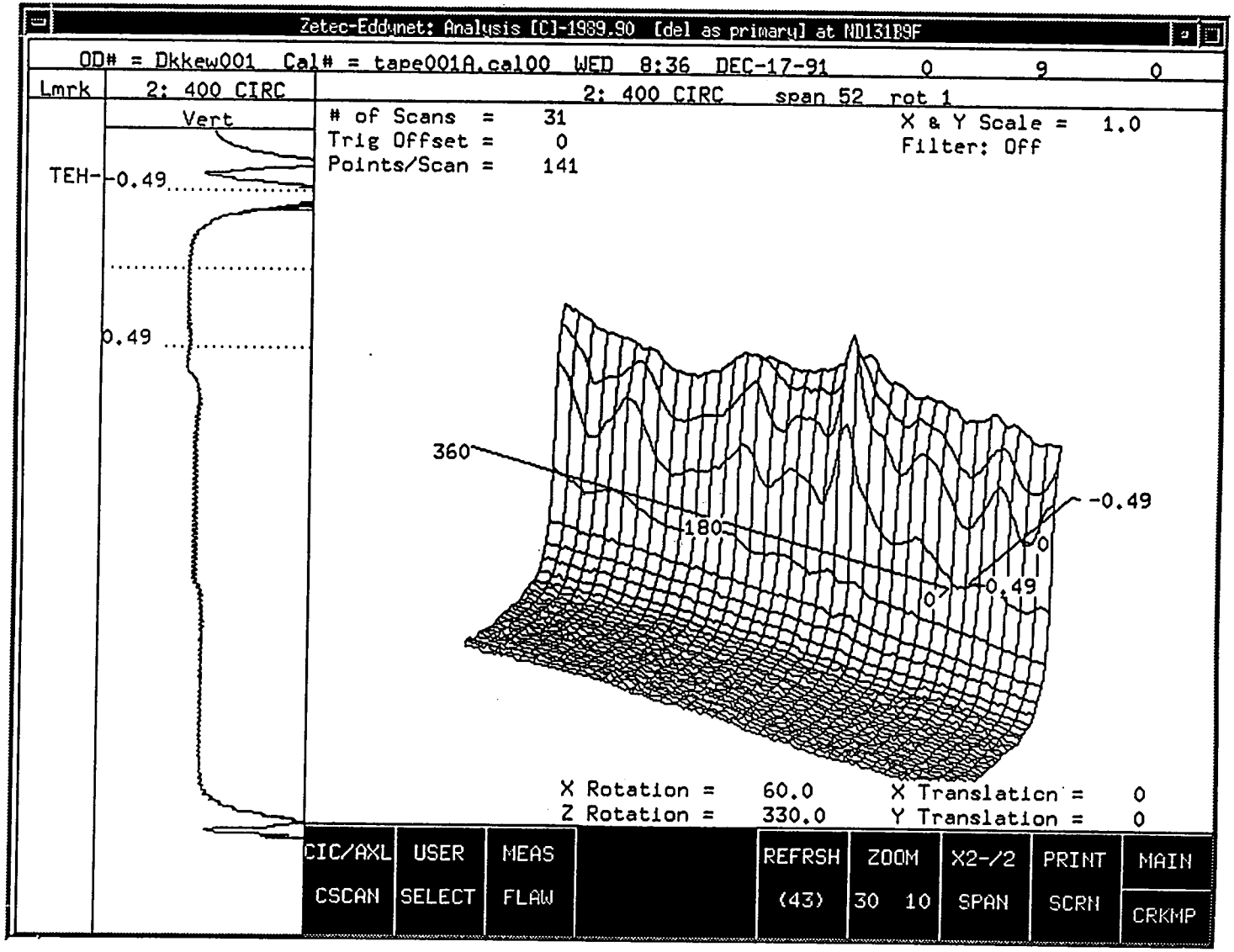

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:35 DEC-17-91 0 8 0
Lmrk 1: 400 PANCAKE
Vert
TEH-
-0.48
0.48
1: 400 PANCAKE span 93 rot 333
# of Scans = 31
Trig Offset = 9
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
-0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

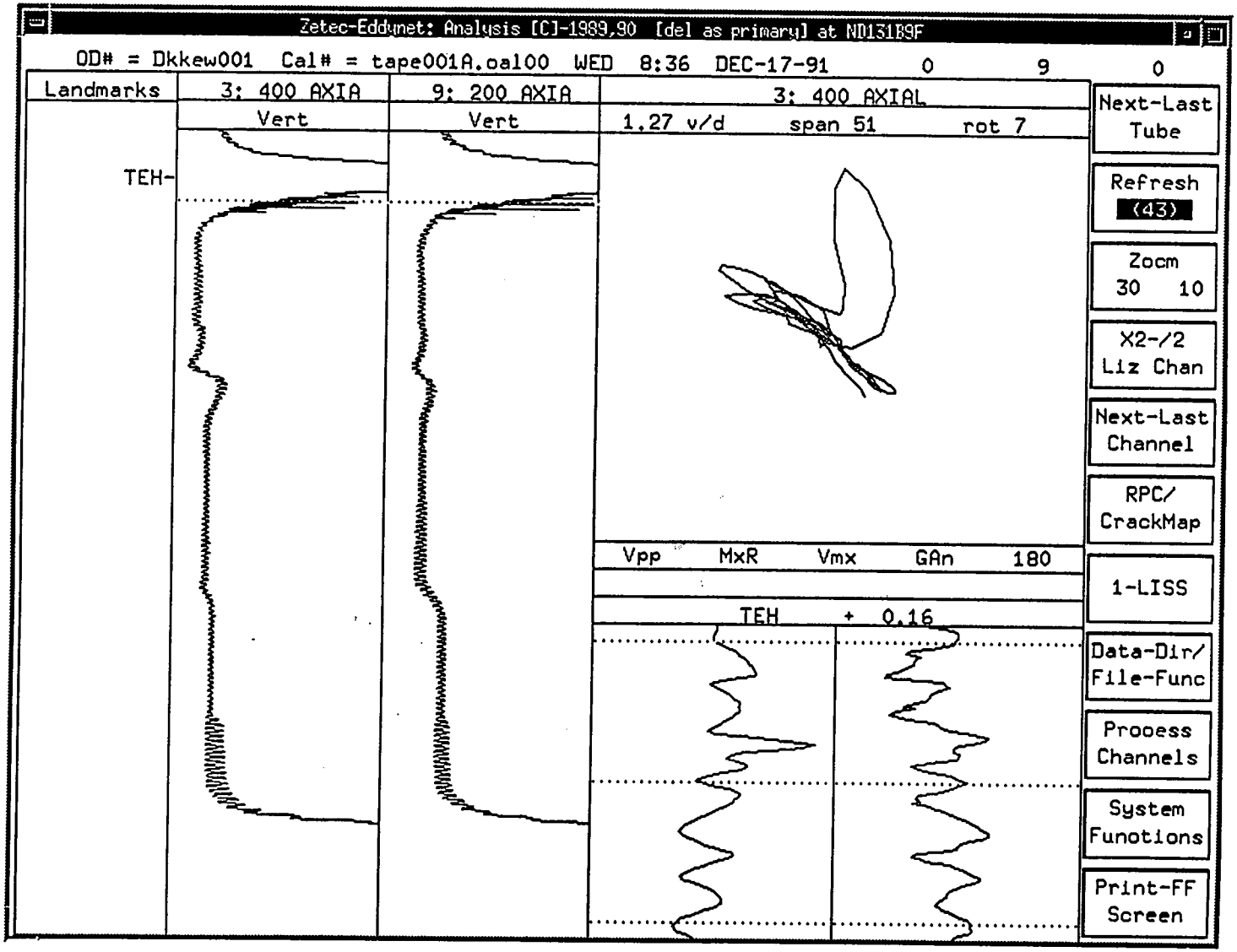

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Ca1# = tape001A.cal00 WED 8:36 DEC-17-91 0 9
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.8v/isp 53r 333
.8v/isp 52 r 27
.2v/isp 36 r 58
.7v/isp 19r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
7.51v 46d 88%
7.29v 51d
5.15v 54d 94%
2.47v 78d
TEH + 0.19
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Soreen

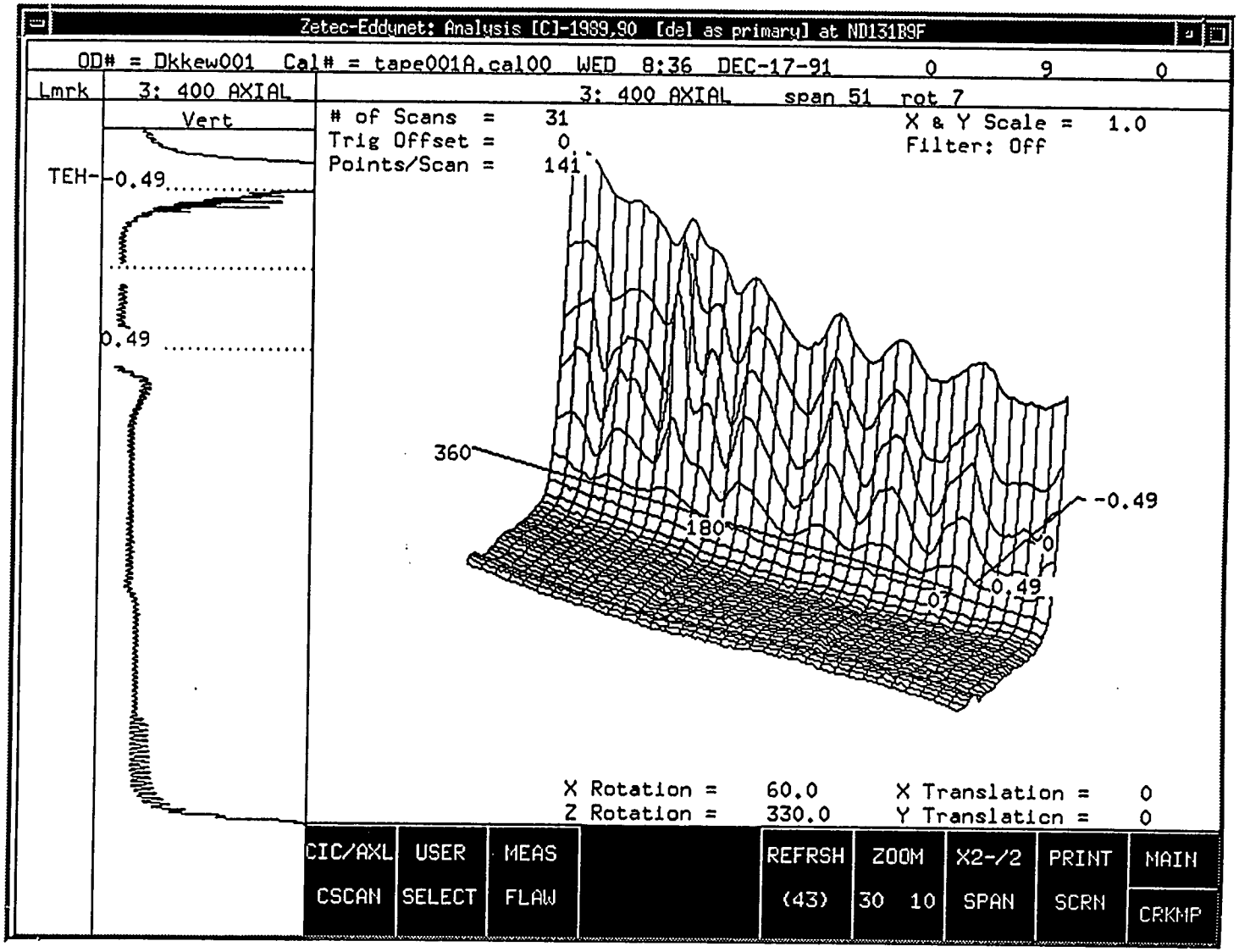

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:36 DEC-17-91 0 9 0
Lmrk 1: 400 PANCAKE
Vert
TEH-
-0.48
0.48
1: 400 PANCAKE span 46 rot 333
# of Scans = 31
Trig Offset = 0
Points/Scan = 140
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(43)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

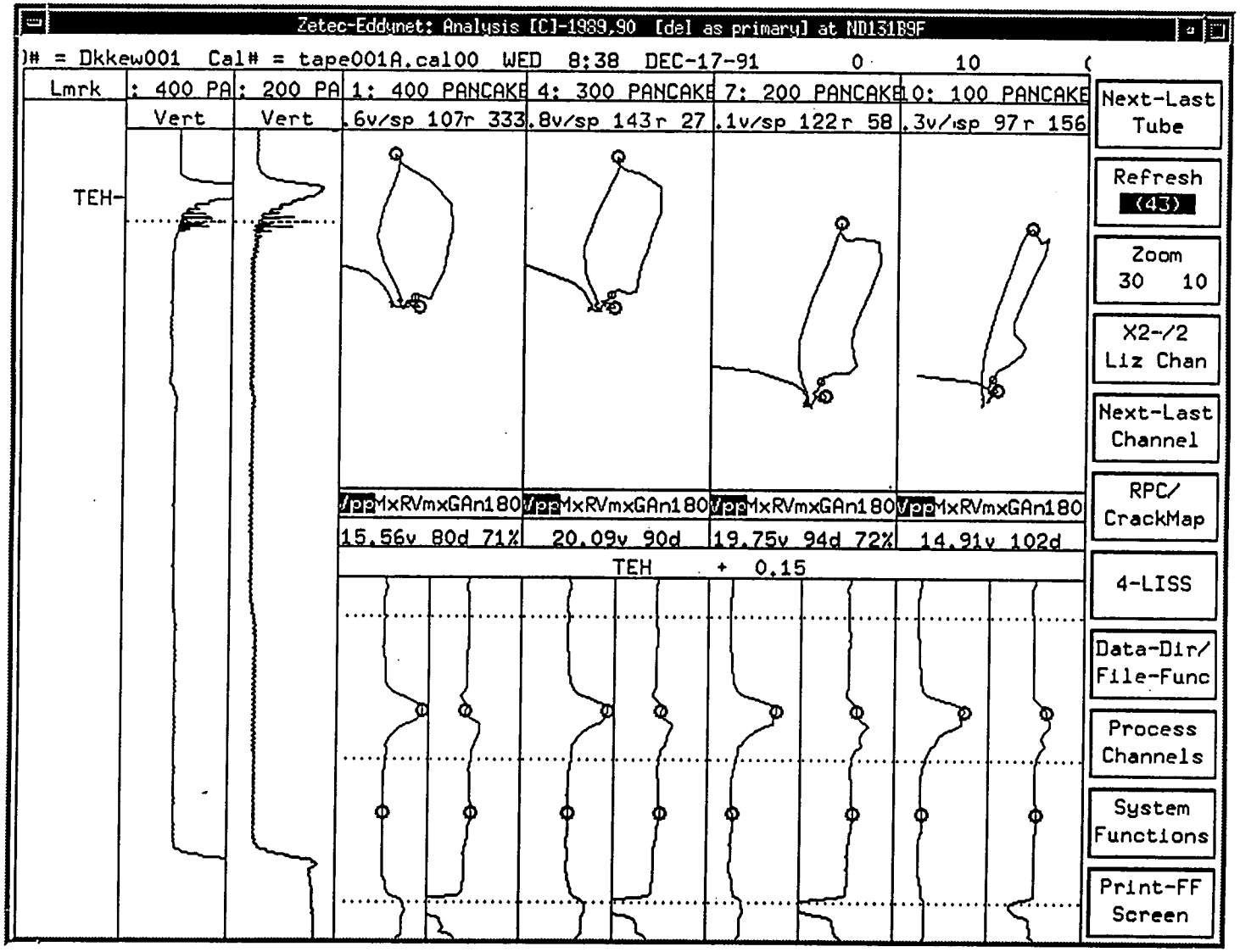

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:36 DEC-17-91 0 9 0
Lmrk 1: 400 PANCAKE
Vert
TEH-
0.48
0.48
1: 400 PANCAKE span 46 rot 333
# of Scans = 31
Trig Offset = 0
Points/Scan = 140
X & Y Scale = 1.0
Filter: Off
360
180
0
0
0.48
-0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(43)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

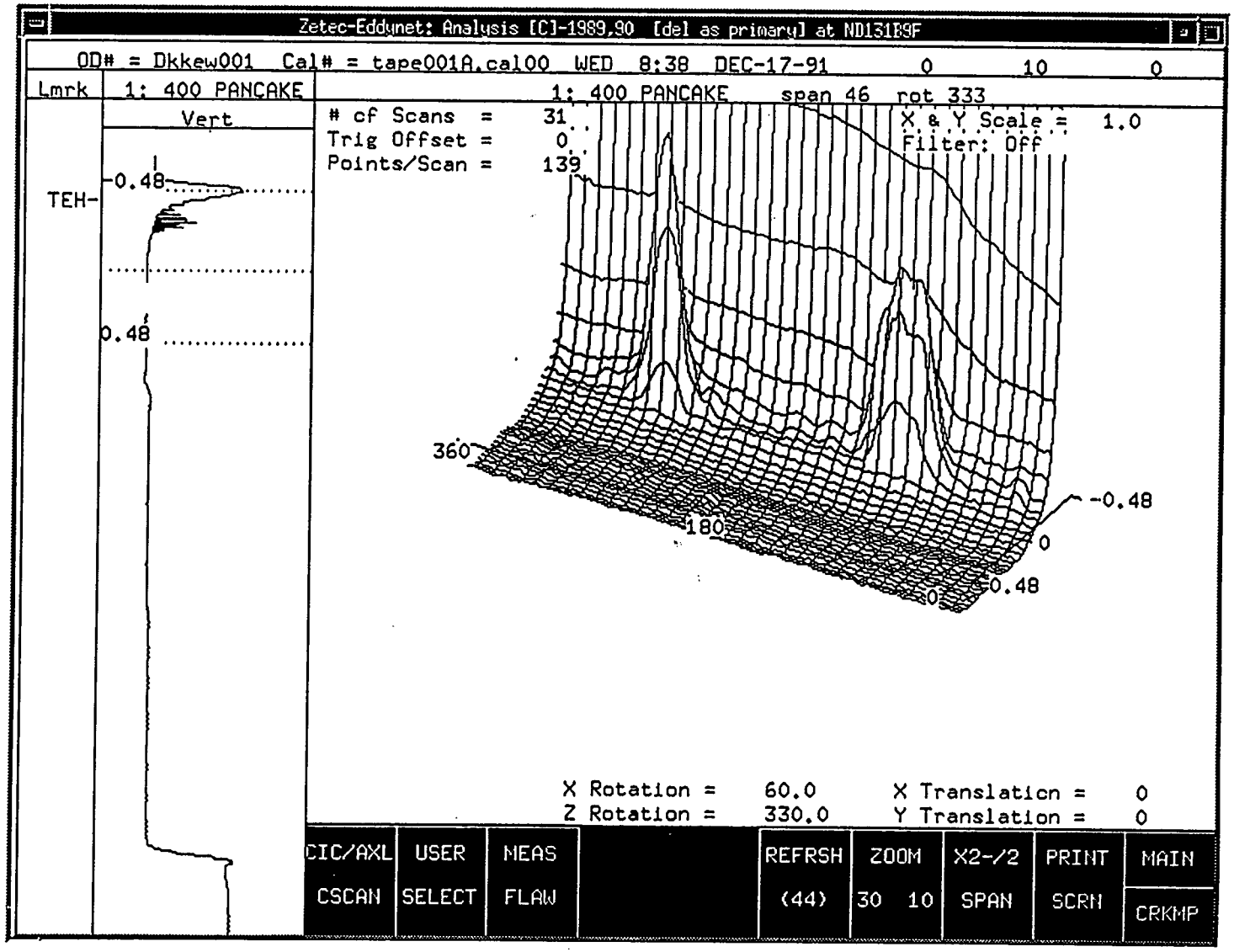

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:36 DEC-17-91 0 9 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
1.28 v/d span 52 rot 1
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.17
Next-Last Tube
Refresh (45)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

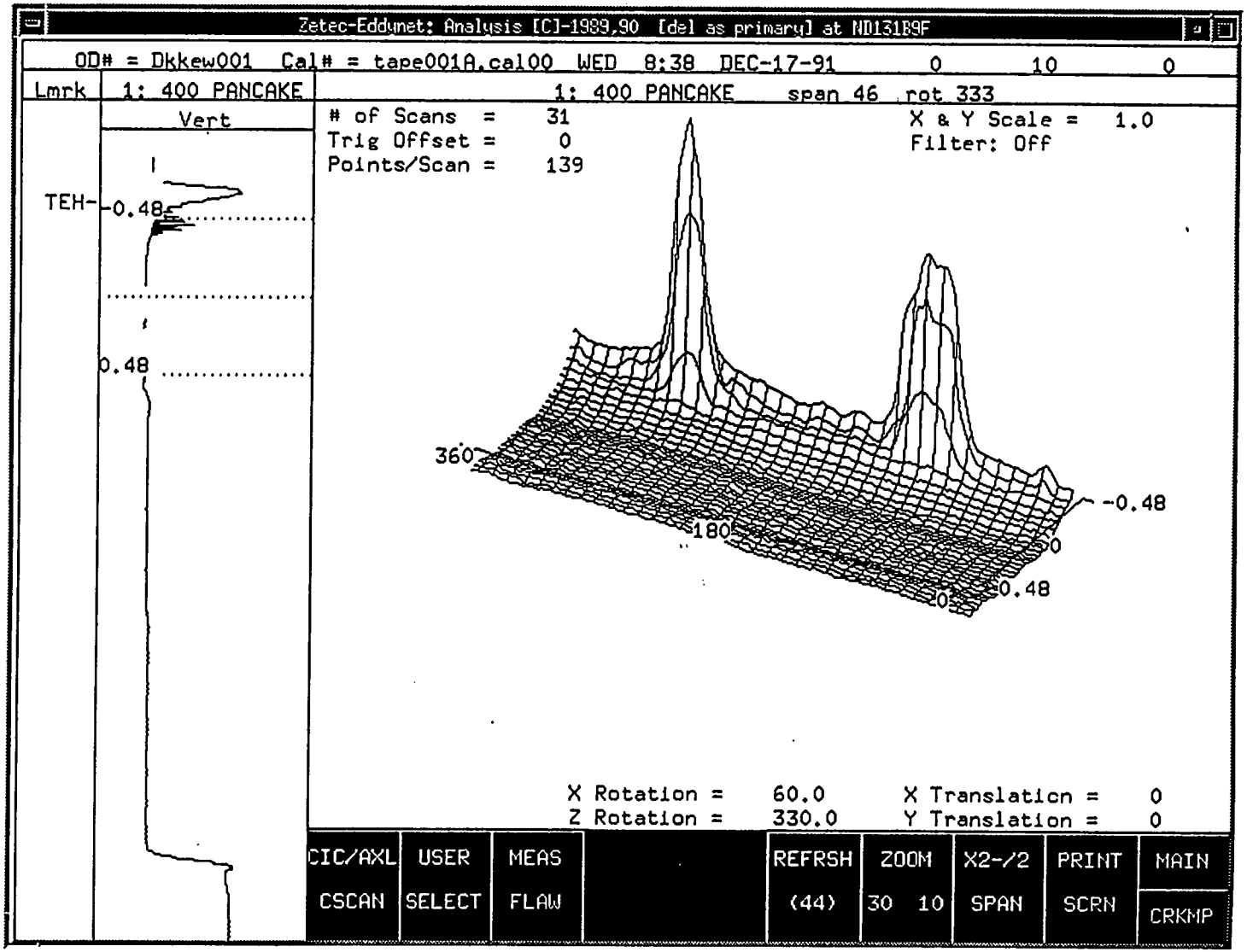

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:36 DEC-17-91 0 9 0
Lmrk
2: 400 CIRC
2: 400 CIRC span 52 rot 1
Vert
TEH-
-0.49
0.49
# of Scans = 31
Trig Offset = 0
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.49
0
0.49
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (43)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN CRKMP

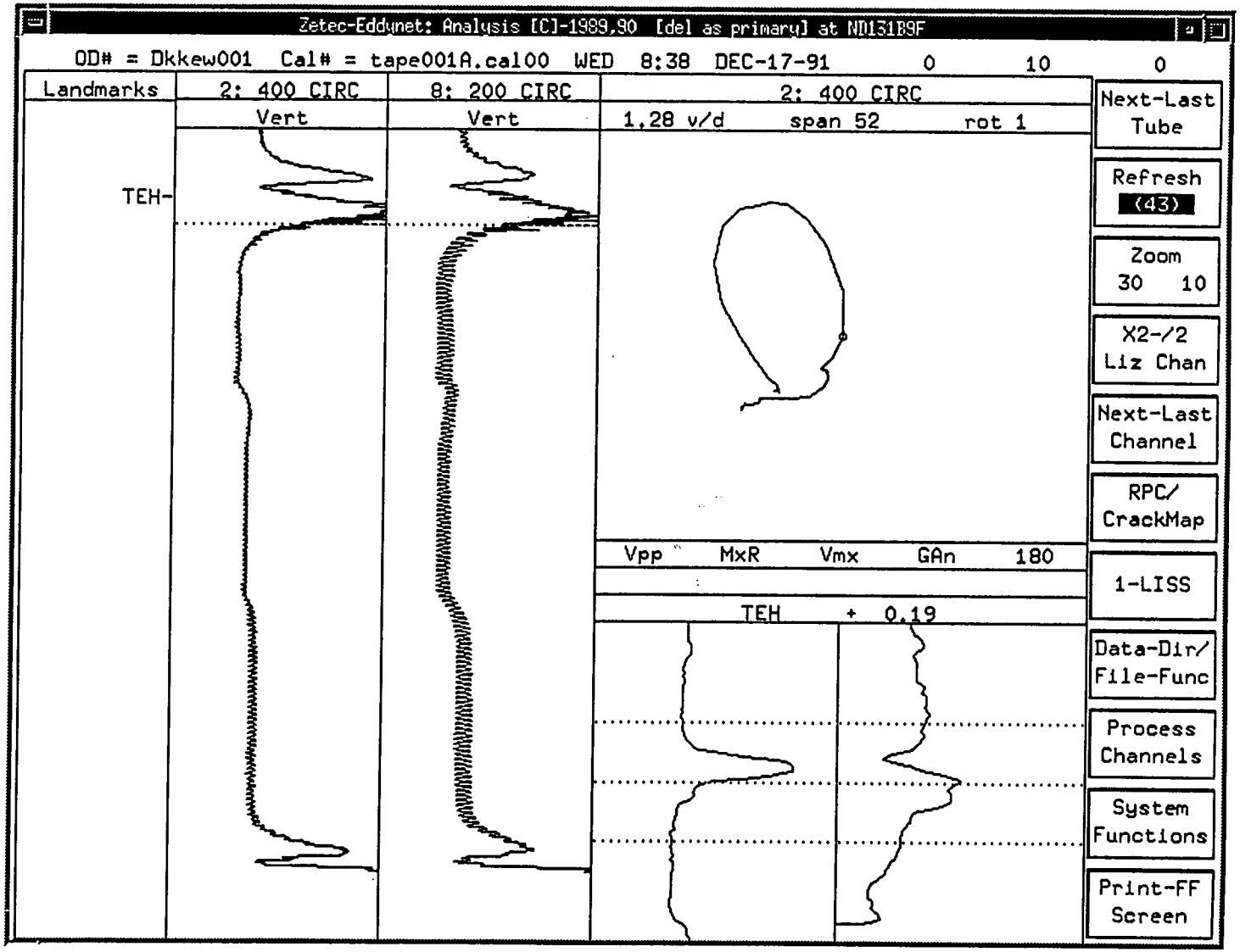

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131F9F
OD# = Dkkew001 Cal# = tape001A.oal00 WED 8:36 DEC-17-91 0 9 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rot 7
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.16
Next-Last Tube
Refresh (43)
Zocm 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Prooess Channels
System Funotions
Print-FF Screen

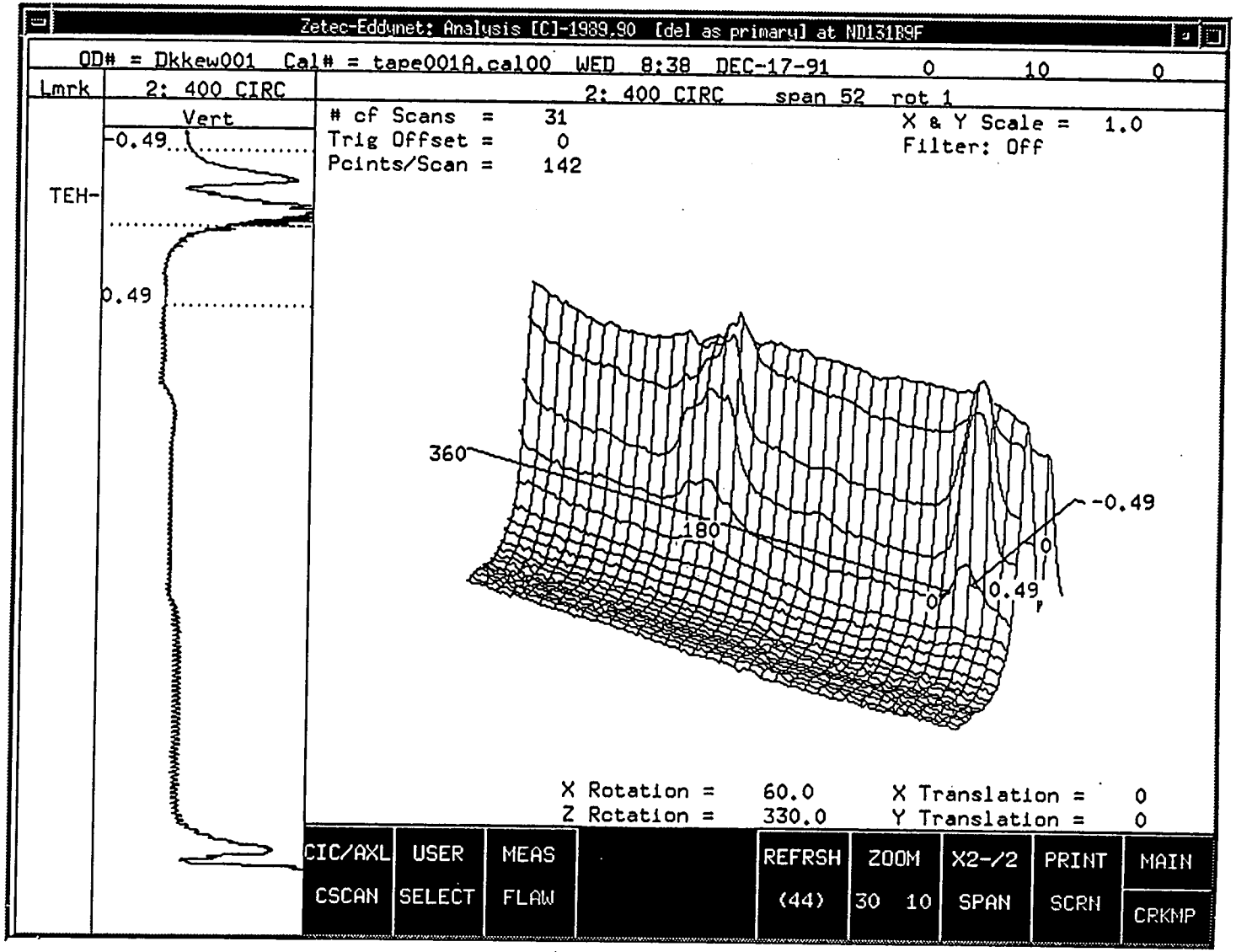

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131R9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:36 DEC-17-91 0 9 0
Lmrk
3: 400 AXIAL
Vert
TEH-
-0.49
0.49
3: 400 AXIAL span 51 rot 7
# of Scans = 31
Trig Offset = 0
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
360
180
-0.49
0
0.49
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(43)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

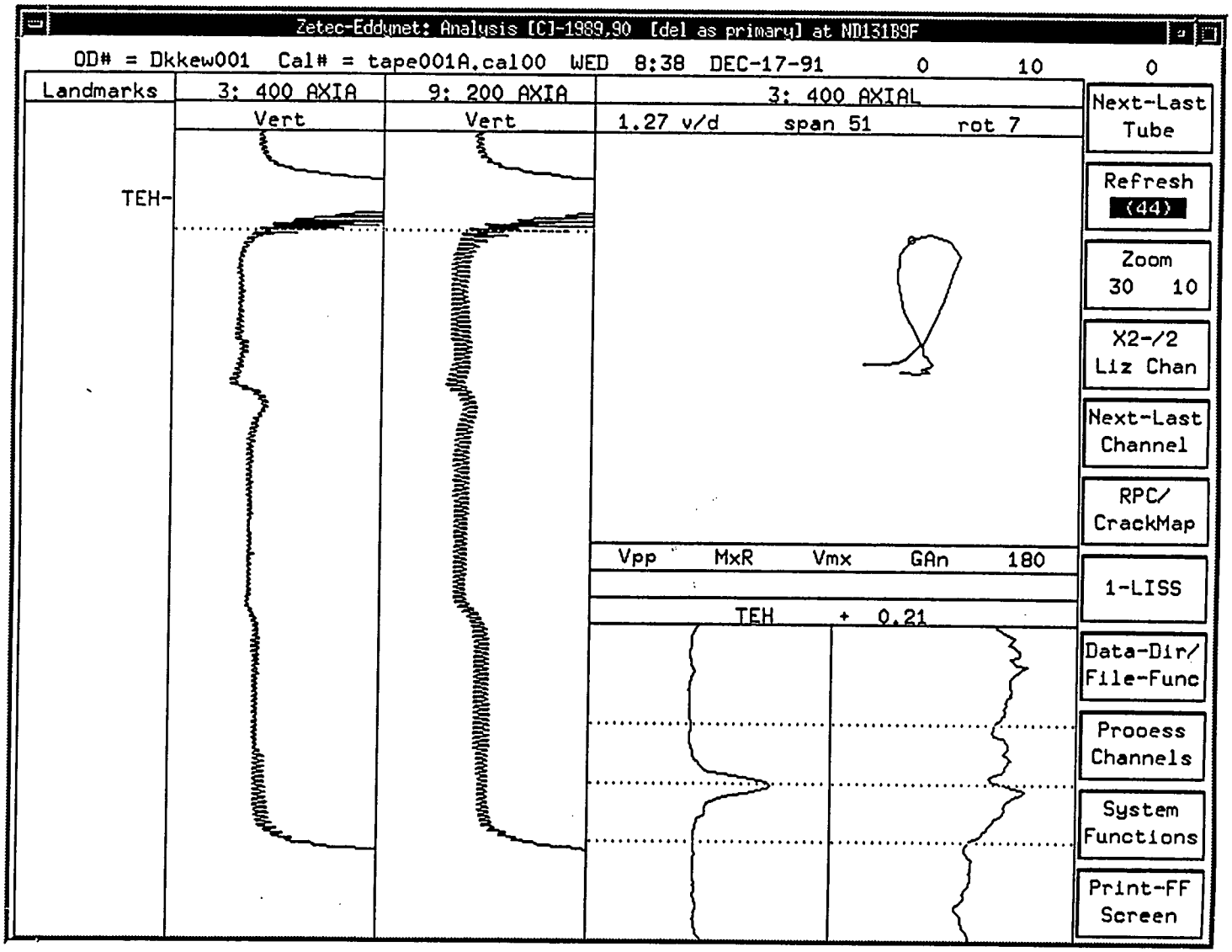

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 WED 8:38 DEC-17-91 0 10
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.6v/sp 107r 333
.8v/sp 143r 27
.1v/sp 122r 58
.3v/sp 97r 156
TEH-
/ppMxRVmxGAn180
/ppMxRVmxGAn180
/ppMxRVmxGAn180
/ppMxRVmxGAn180
15.56v 80d 71%
20.09v 90d
19.75v 94d 72%
14.91v 102d
TEH + 0.15
Next-Last Tube
Refresh (43)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:38 DEC-17-91 0 10 0
Lmrk
1: 400 PANCAKE
Vert
TEH-
0.48
0.48
1: 400 PANCAKE span 46 rot 333
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.48
0
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

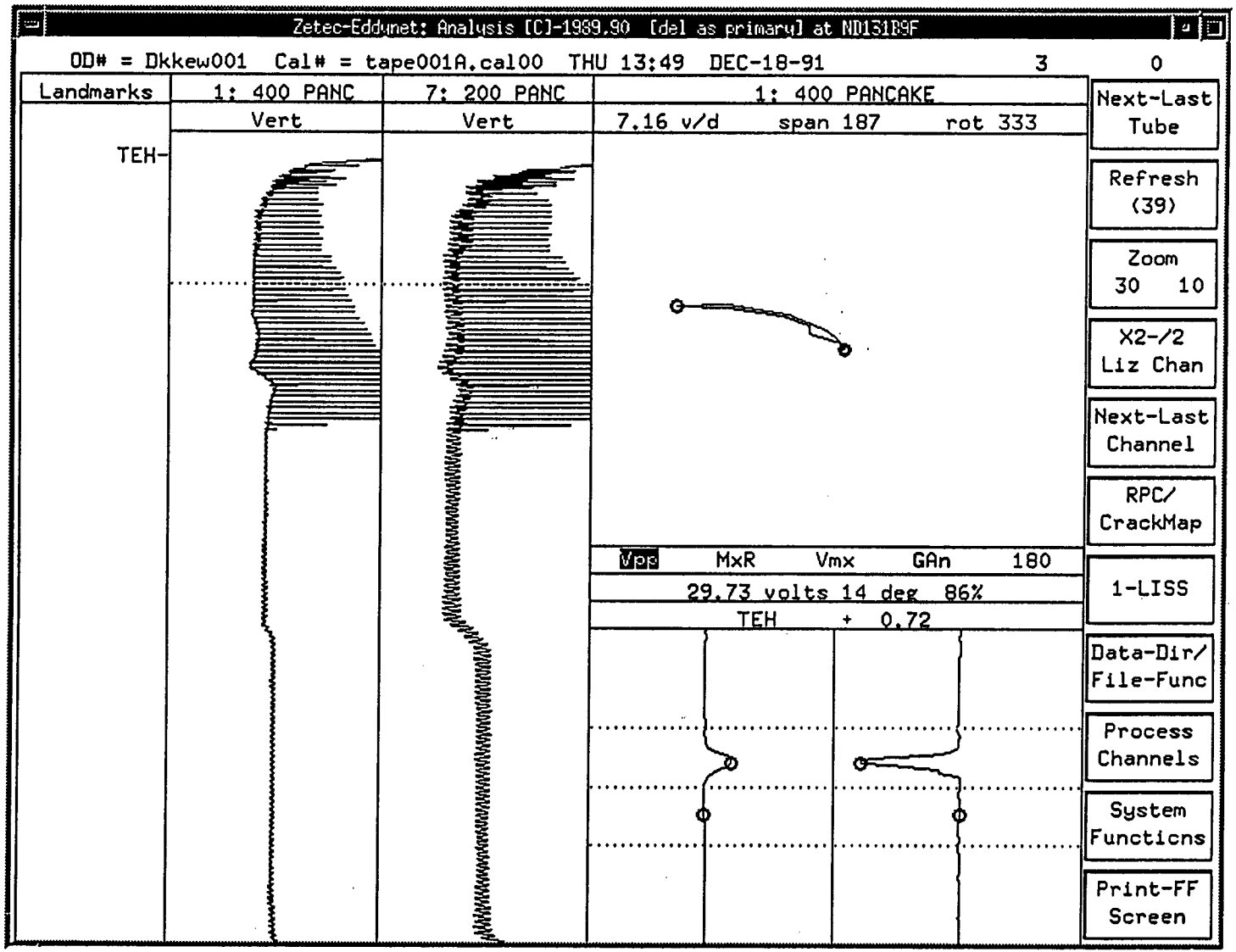

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at NDI31B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:38 DEC-17-91 0 10 0
Lmrk 1: 400 PANCAKE
1: 400 PANCAKE span 46 rot 333
Vert
TEH-
0.48
0.48
# of Scans = 31
Trig Offset = 0
Points/Scan = 139
X & Y Scale = 1.0
Filter: Off
360
180
0
20
-0.48
0.48
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

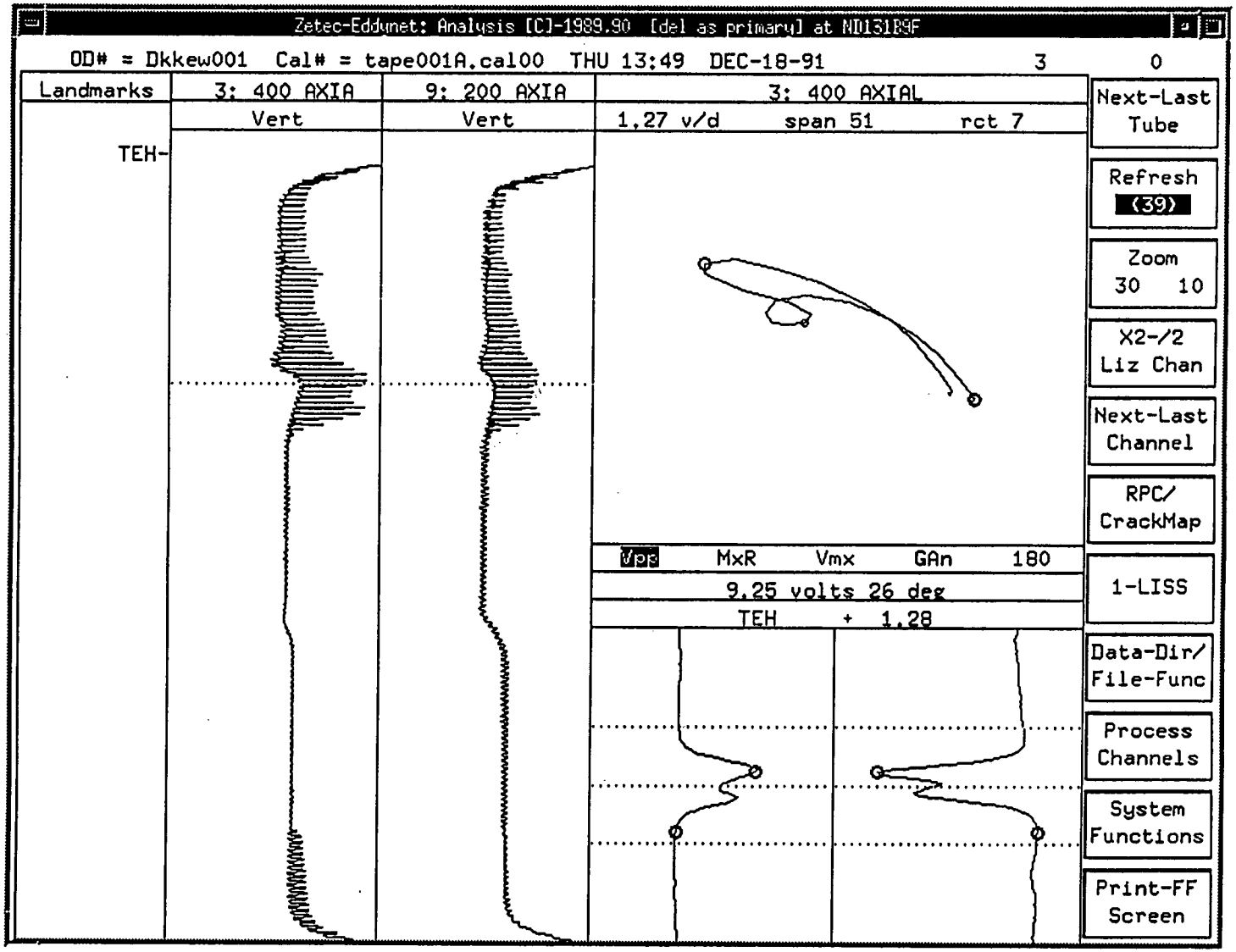

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:38 DEC-17-91 0 10 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
1.28 v/d span 52 rot 1
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.19
Next-Last Tube
Refresh (43)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

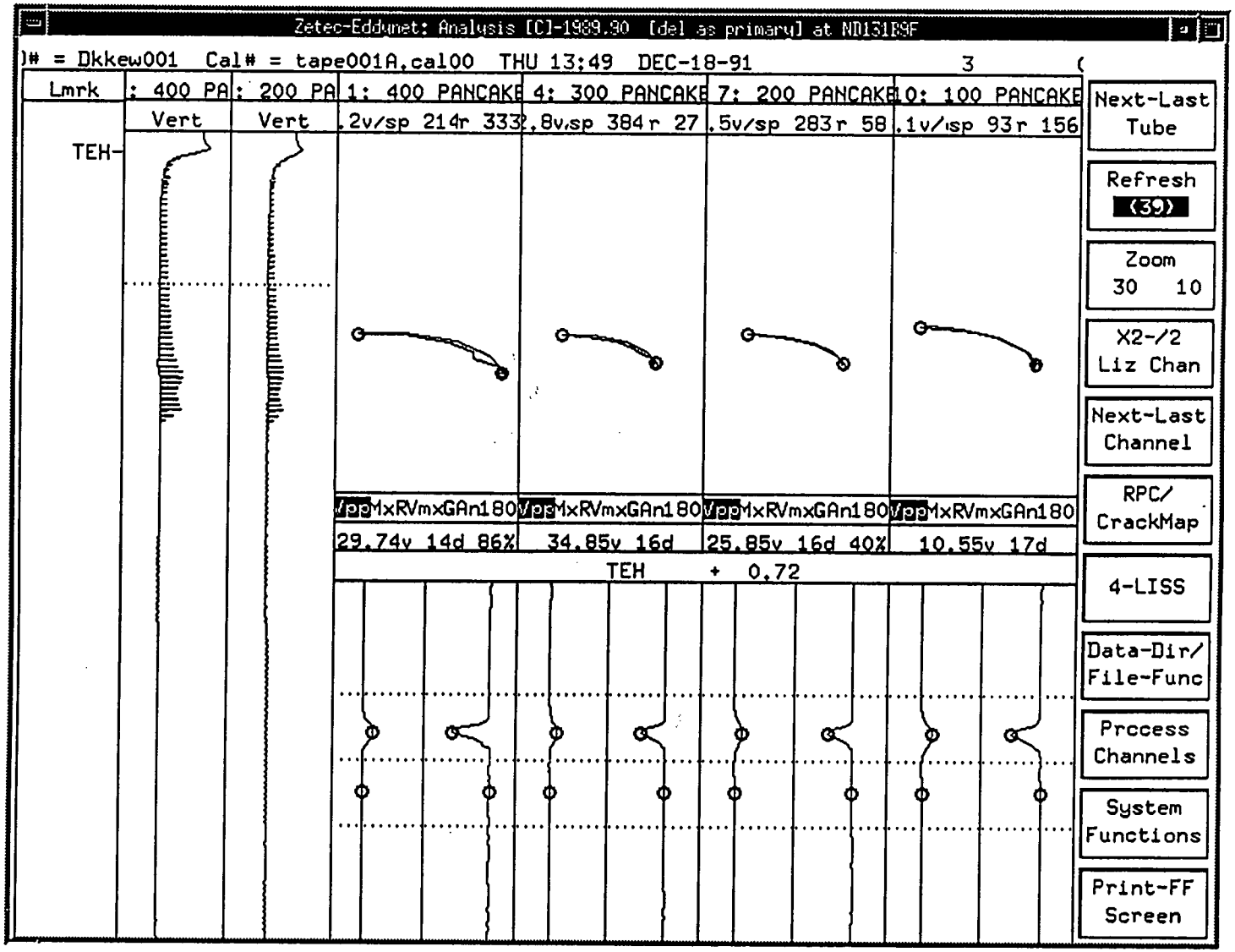

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:38 DEC-17-91 0 10 0
Lmrk
2: 400 CIRC
Vert
2: 400 CIRC span 52 rot 1
# of Scans = 31
Trig Offset = 0
Points/Scan = 142
X & Y Scale = 1.0
Filter: Off
-0.49
TEH-
0.49
360
180
-0.49
0
0
0.49
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(44)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

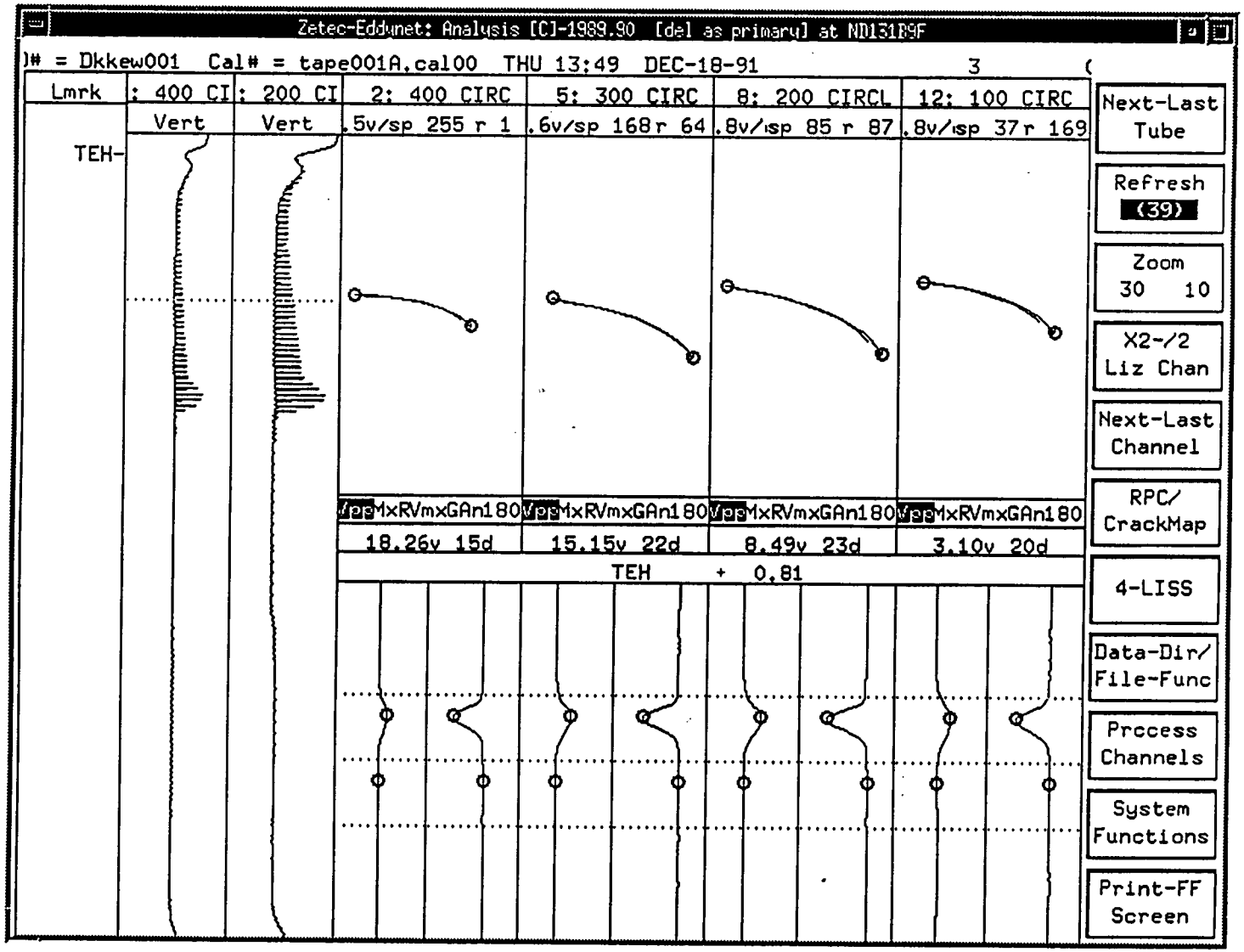

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 WED 8:38 DEC-17-91 0 10 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rot 7
TEH-
Vpp MxR Vmx GAn 180
TEH + 0.21
Next-Last Tube
Refresh (44)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

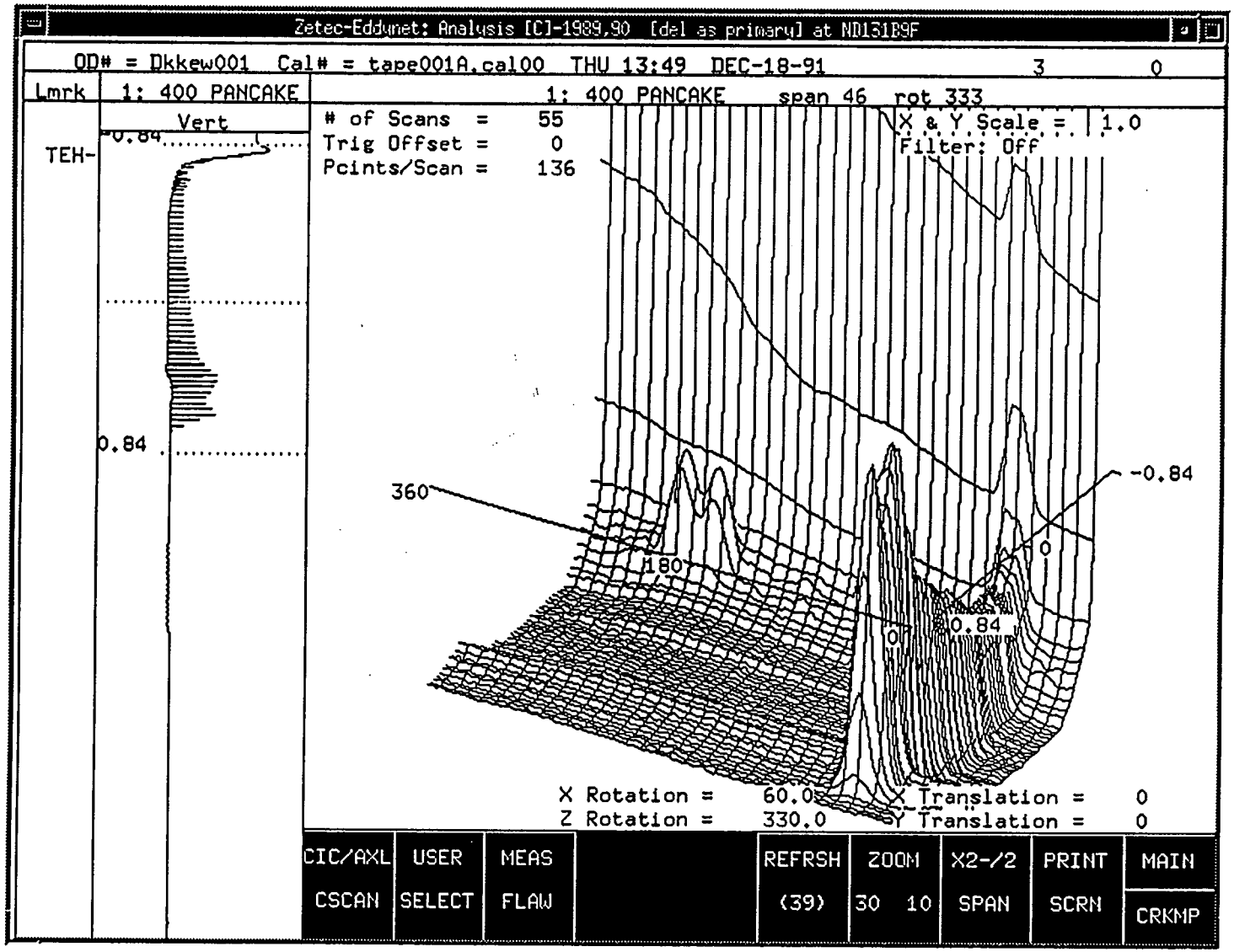
SECTION 6.0B - LAB SAMPLE EDDY CURRENT GRAPHICS
EXPANDED WELDED SAMPLES WITH EDM NOTCHES

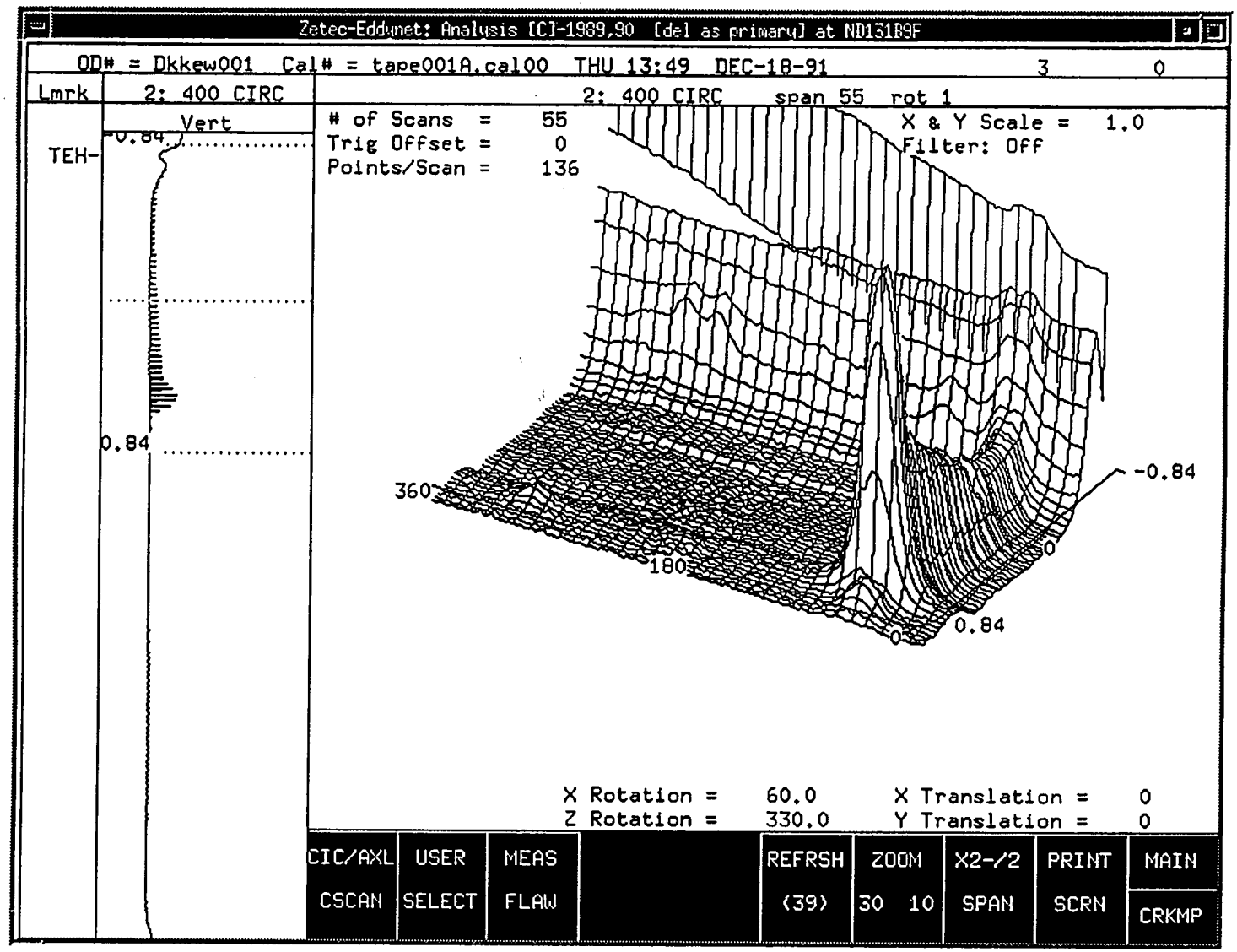

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91
3
0
Landmarks
1: 400 PANC
Vert
7: 200 PANC
Vert
1: 400 PANCAKE
7.16 v/d span 187 rot 333
TEH-
Vpp MxR Vmx GAn 180
29.73 volts 14 deg 86%
TEH + 0.72
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

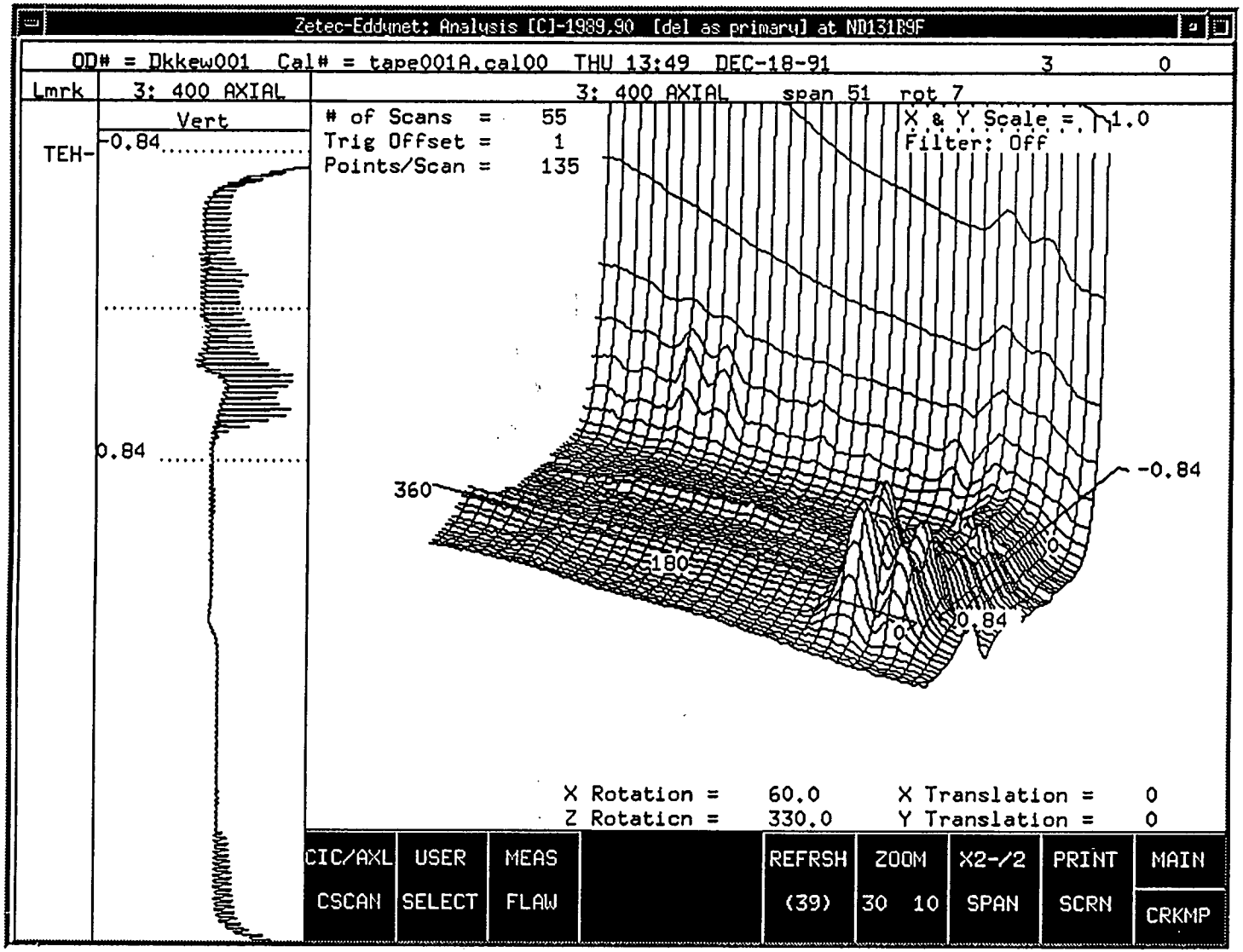

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91 3 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rct 7
TEH-
Vpp MxR Vmx GAn 180
9.25 volts 26 deg
TEH + 1.28
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

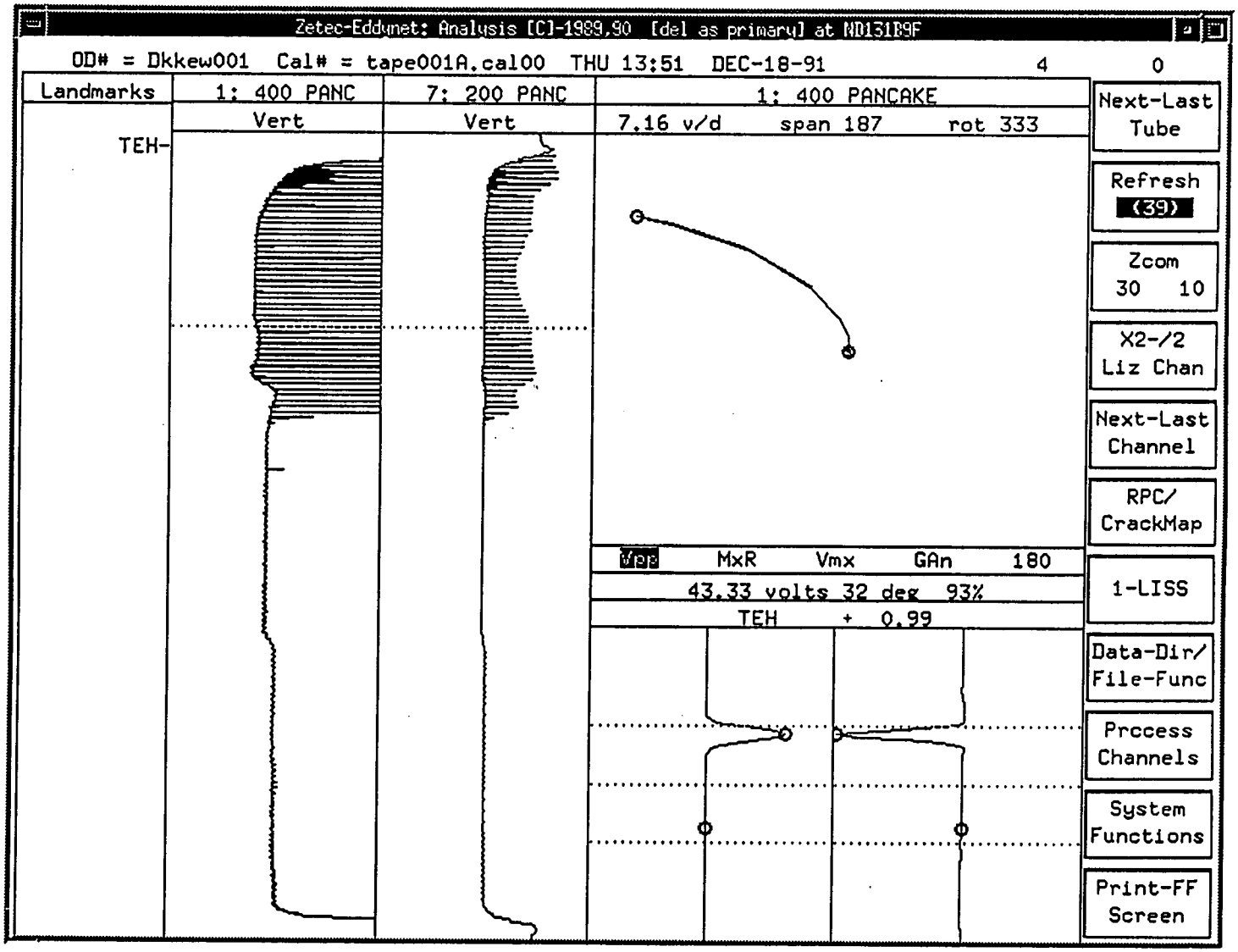

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91 3
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.2v/sp 214r 333
.8v/sp 384r 27
.5v/sp 283r 58
.1v/sp 93r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
29.74v 14d 86%
34.85v 16d
25.85v 16d 40%
10.55v 17d
TEH + 0.72
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

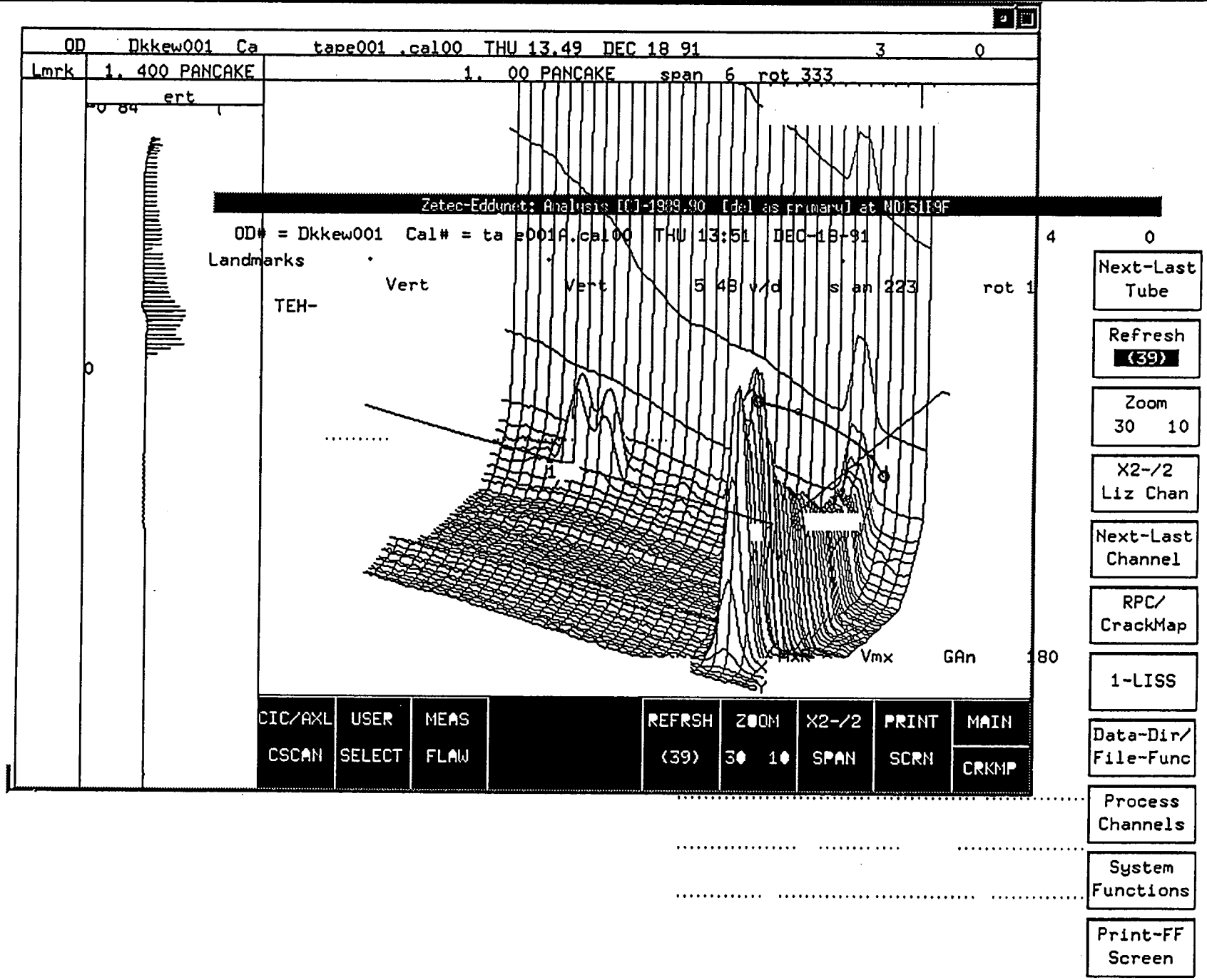

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91 3
Lmrk
: 400 CI
: 200 CI
2: 400 CIRC
5: 300 CIRC
8: 200 CIRCL
12: 100 CIRC
Vert
Vert
.5v/sp 255 r 1
.6v/sp 168 r 64
.8v/sp 85 r 87
.8v/sp 37 r 169
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
18.26v 15d
15.15v 22d
8.49v 23d
3.10v 20d
TEH + 0.81
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

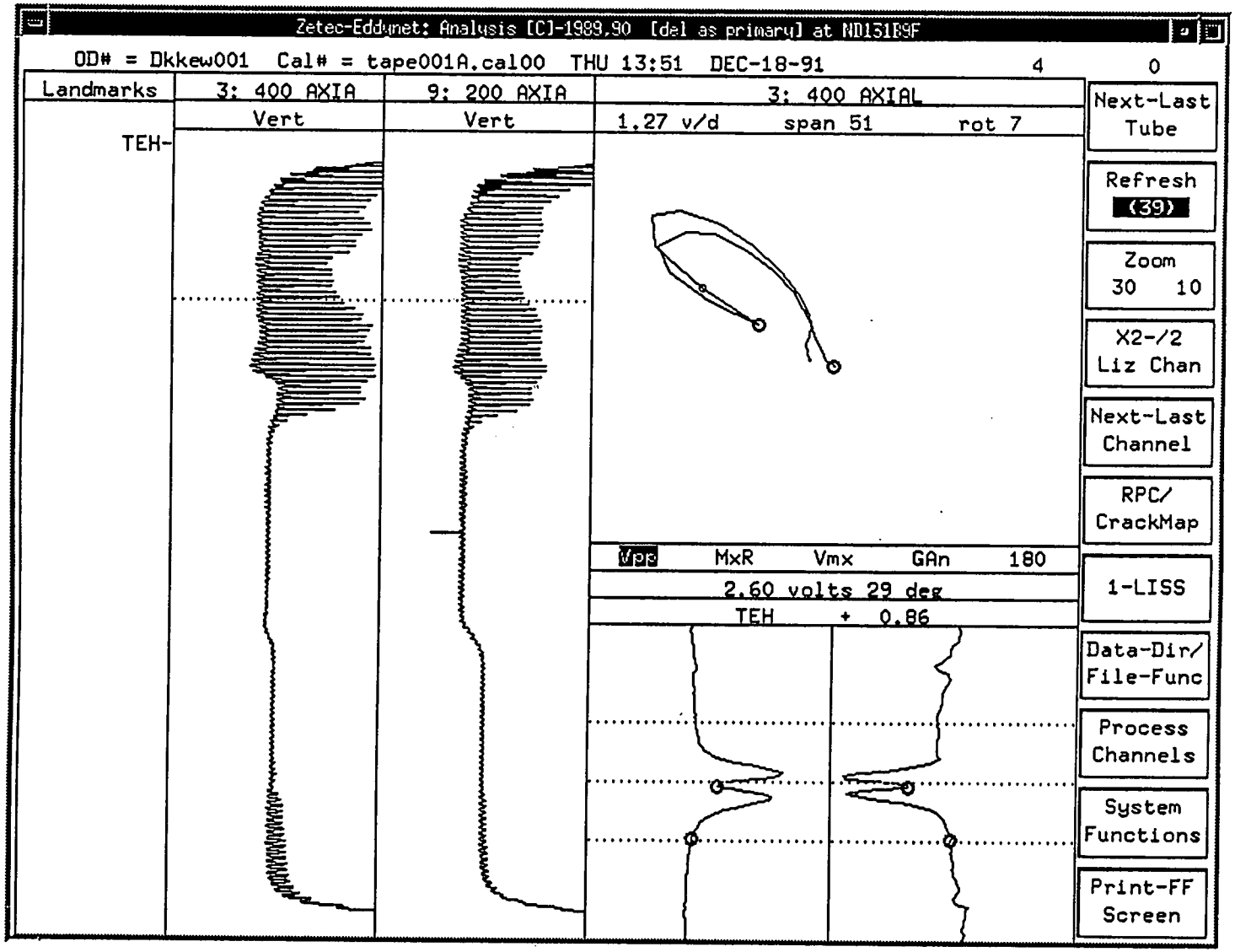

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at NDI31B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91
3
0
Lmrk
1: 400 PANCAKE
Vert
TEH-
0.84
0.84
1: 400 PANCAKE span 46 rot 333
# of Scans = 55
Trig Offset = 0
Points/Scan = 136
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.84
0
0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(39)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

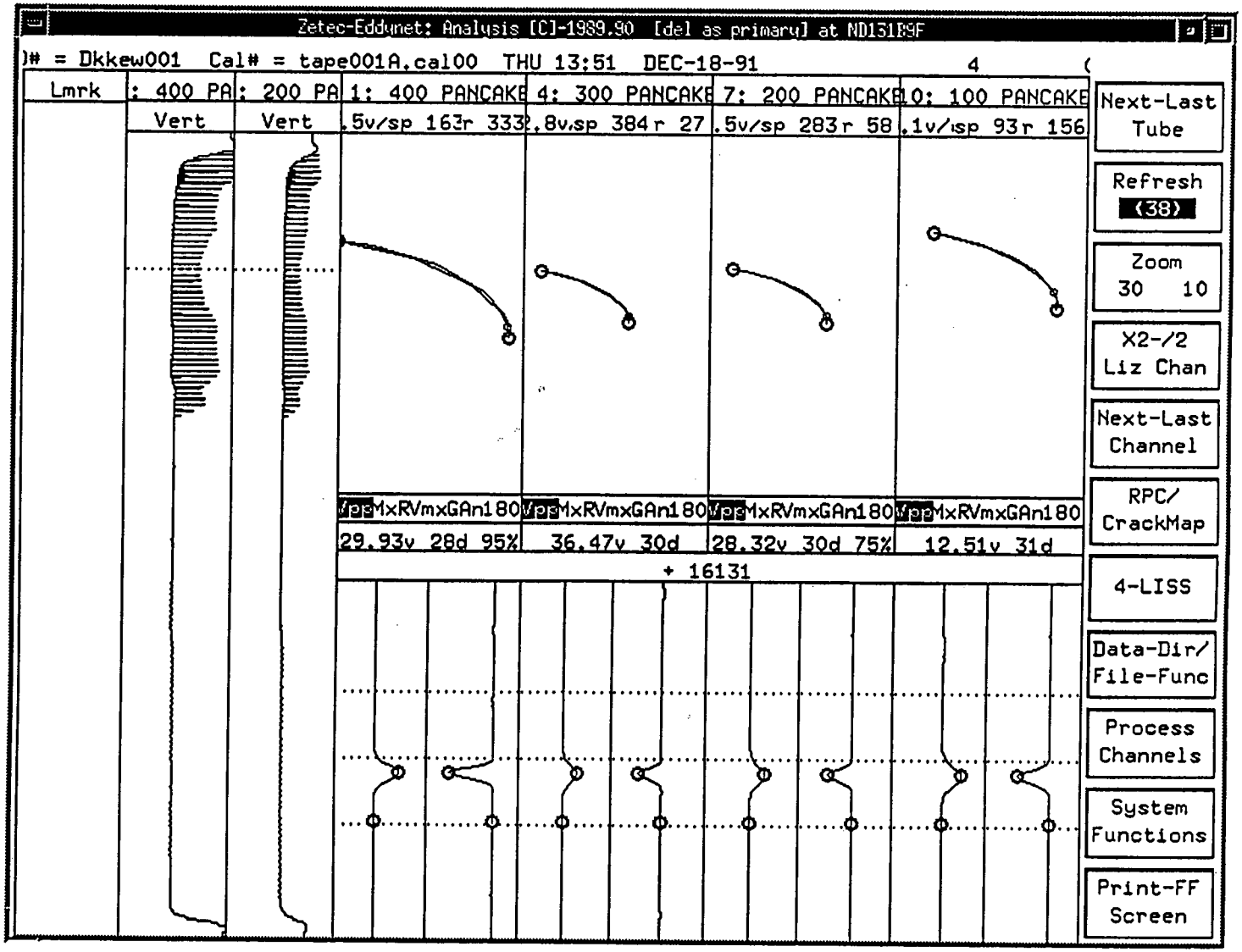

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91 3 0
Lmrk
2: 400 CIRC
Vert
TEH-
0.84
0.84
2: 400 CIRC span 55 rot 1
# of Scans = 55
Trig Offset = 0
Points/Scan = 136
X & Y Scale = 1.0
Filter: Off
360
180
0
0
0.84
-0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (39)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

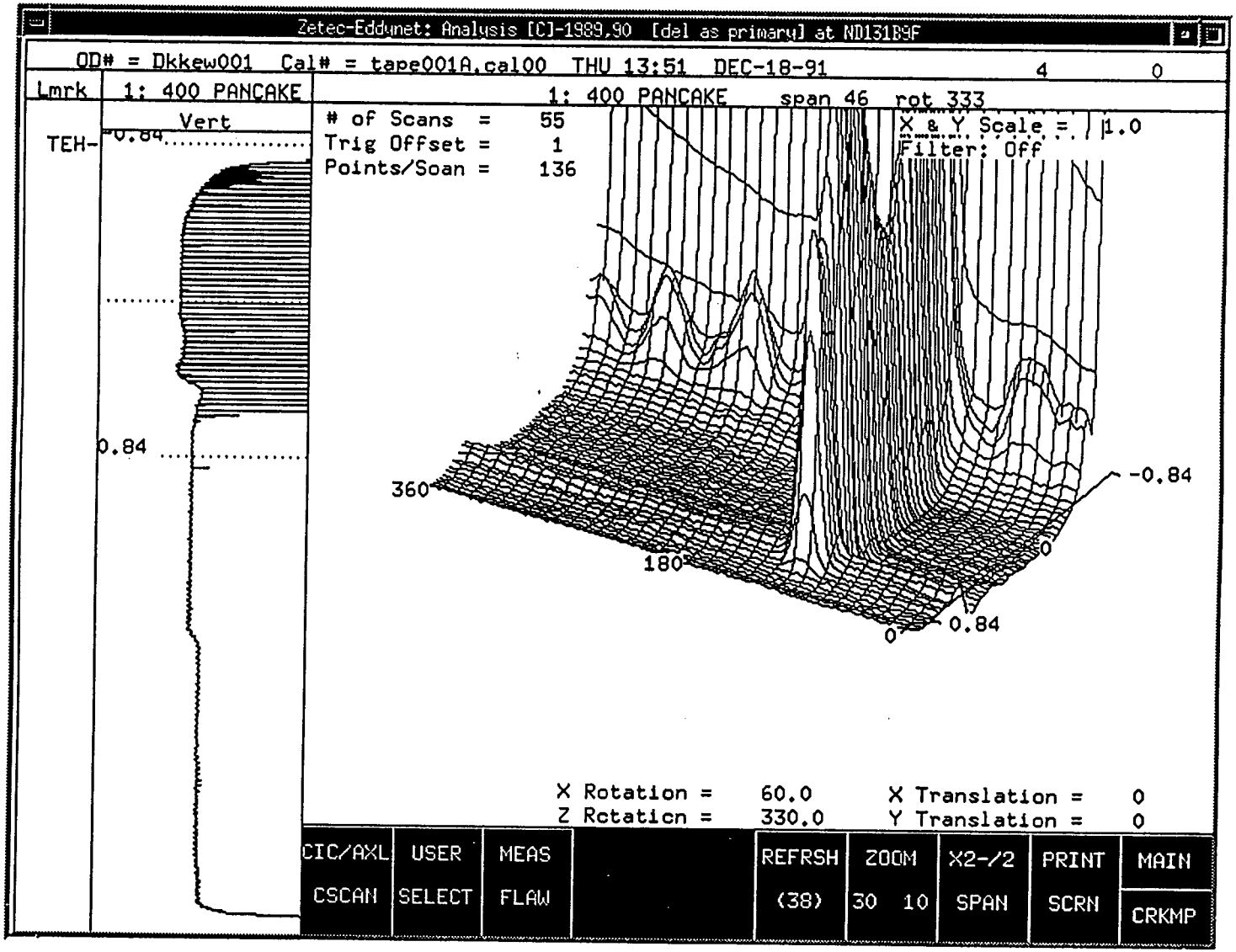

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:49 DEC-18-91 3 0
Lmrk 3: 400 AXIAL
3: 400 AXIAL span 51 rot 7
Vert
TEH-
-0.84
0.84
# of Scans = 55
Trig Offset = 1
Points/Scan = 135
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(39)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

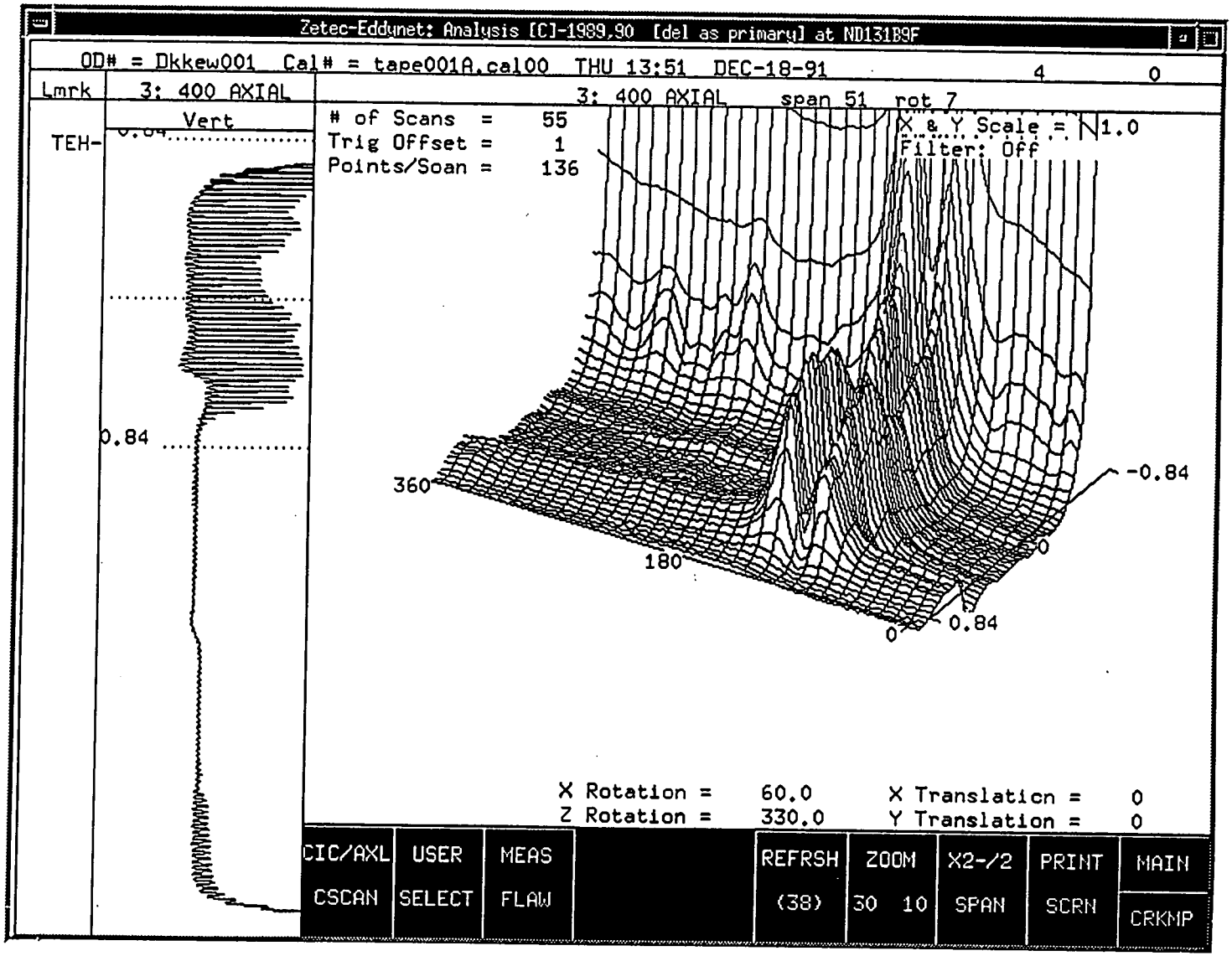

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:51 DEC-18-91 4 0
Landmarks
1: 400 PANC
Vert
7: 200 PANC
Vert
1: 400 PANCAKE
7.16 v/d span 187 rot 333
TEH-
Vpp MxR Vmx GAn 180
43.33 volts 32 deg 93%
TEH + 0.99
Next-Last Tube
Refresh (39)
Zcom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

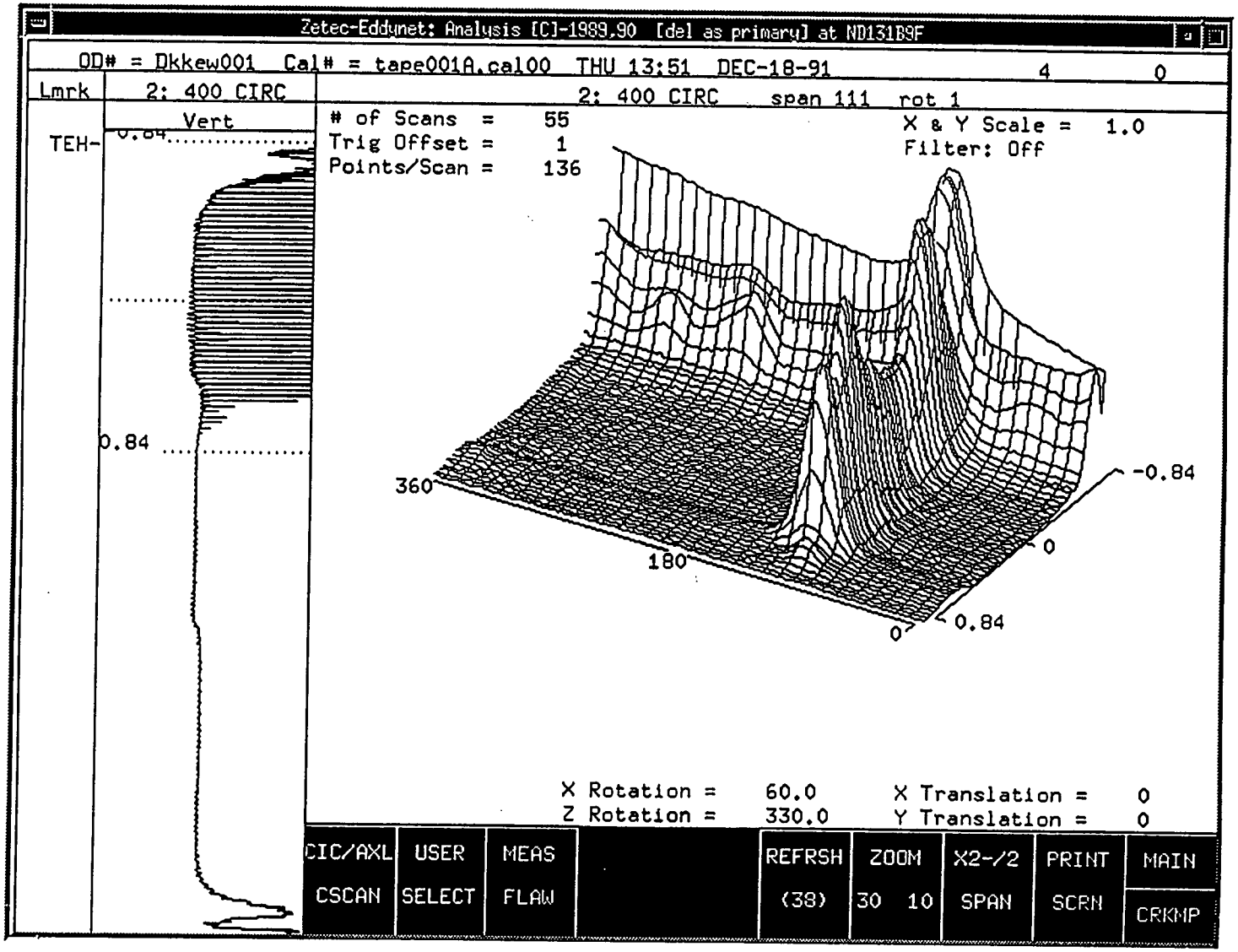

OD Dkkew001 Ca tape001 .cal00 THU 13.49 DEC 18 91 3 0
Lmrk 1. 400 PANCAKE 1. 00 PANCAKE span 6 rot 333
ert
Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131E9F
OD# = Dkkew001 Cal# = ta e001A.cal00 THU 13:51 DEC-18-91 4 0
Landmarks
Vert Vert 5 48 v/d s an 223 rot 1
TEH-
Vmx GAn 180
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (39)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

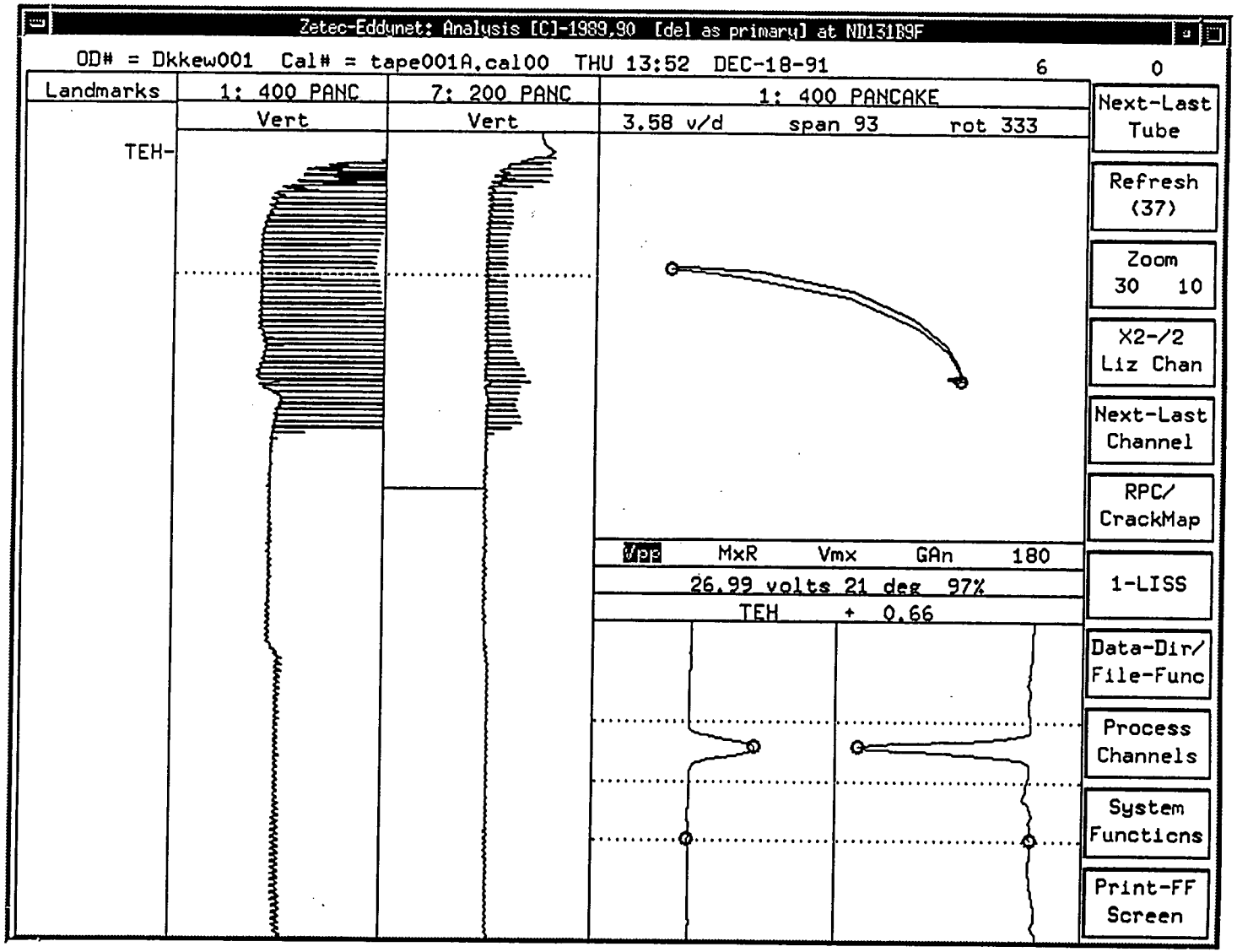

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND151B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:51 DEC-18-91
4
0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d
span 51
rot 7
TEH-
Vpp
MxR
Vmx
GAn
180
2.60 volts 29 deg
TEH
+
0.86
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

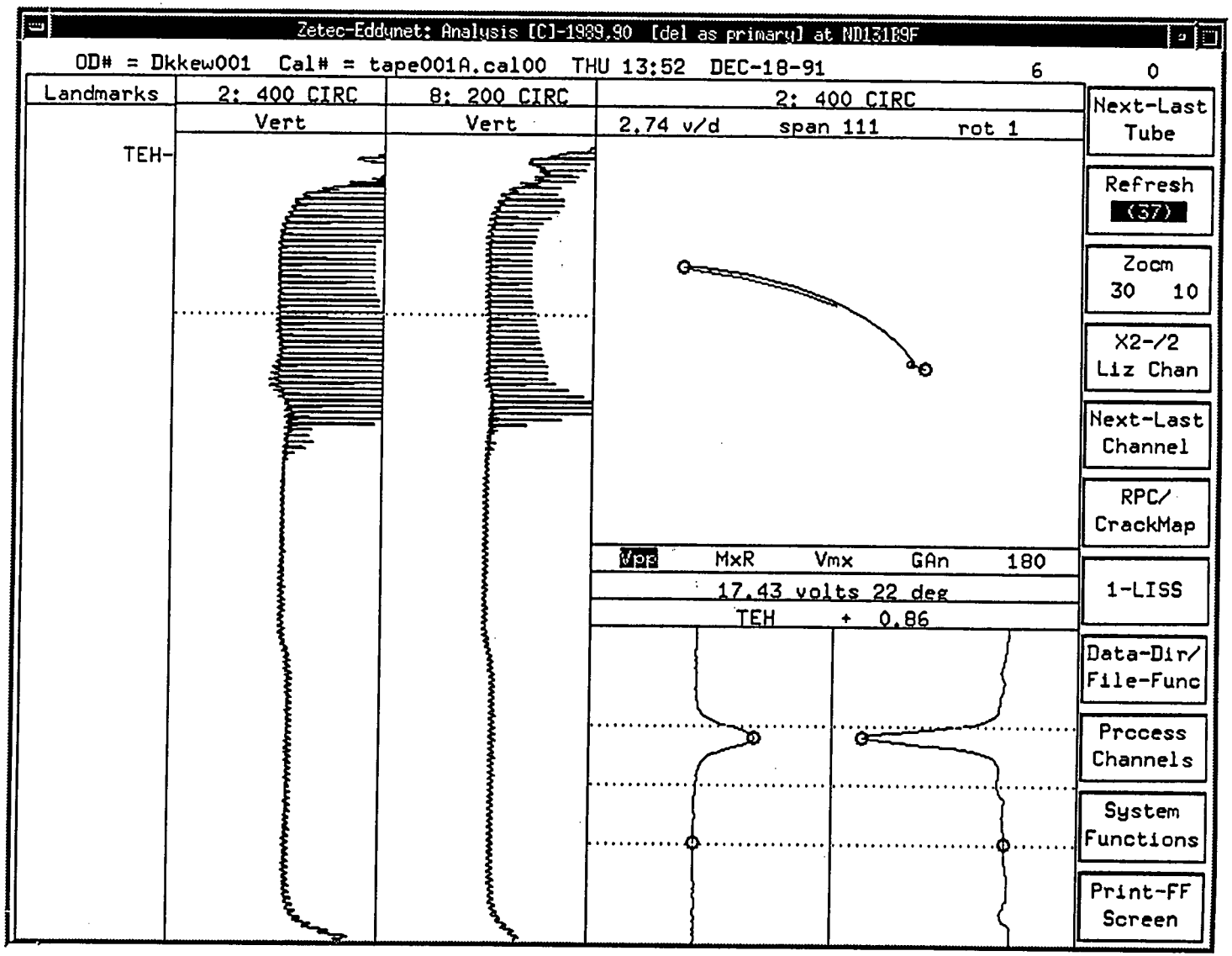

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND151E9F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:51 DEC-18-91 4
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.5v/sp 163r 333
.8v/sp 384r 27
.5v/sp 283r 58
.1v/sp 93r 156
VppMxRVmxGAn180
VppMxRVmxGAn180
VppMxRVmxGAn180
VppMxRVmxGAn180
29.93v 28d 95%
36.47v 30d
28.32v 30d 75%
12.51v 31d
+ 16131
Next-Last Tube
Refresh (38)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

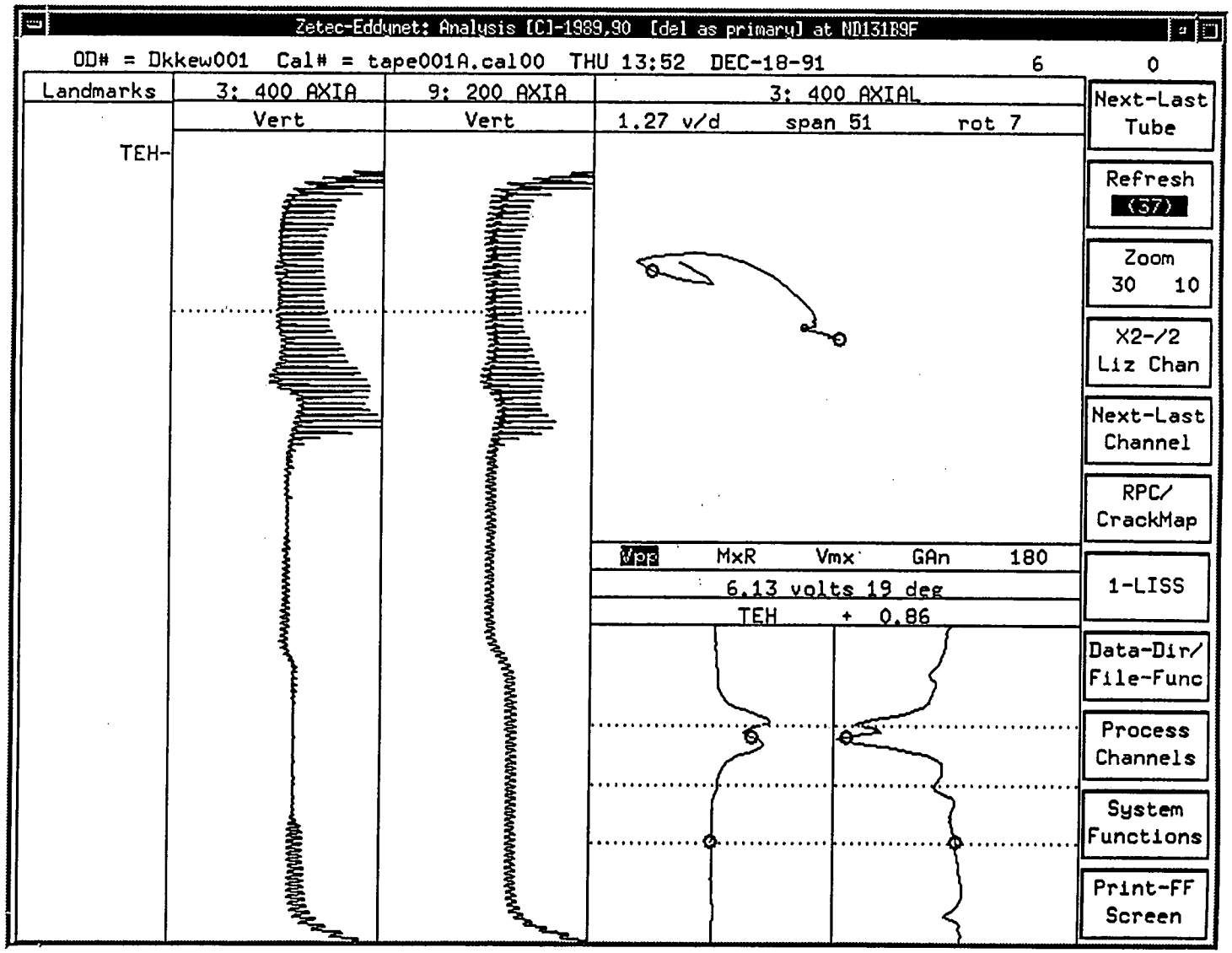

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:51 DEC-18-91
4
0
Lmrk
1: 400 PANCAKE
Vert
TEH-
0.84
0.84
1: 400 PANCAKE span 46 rot 333
# of Scans = 55
Trig Offset = 1
Points/Soan = 136
X & Y Scale = 1.0
Filter: Off
360
180
0
0
0.84
-0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(38)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

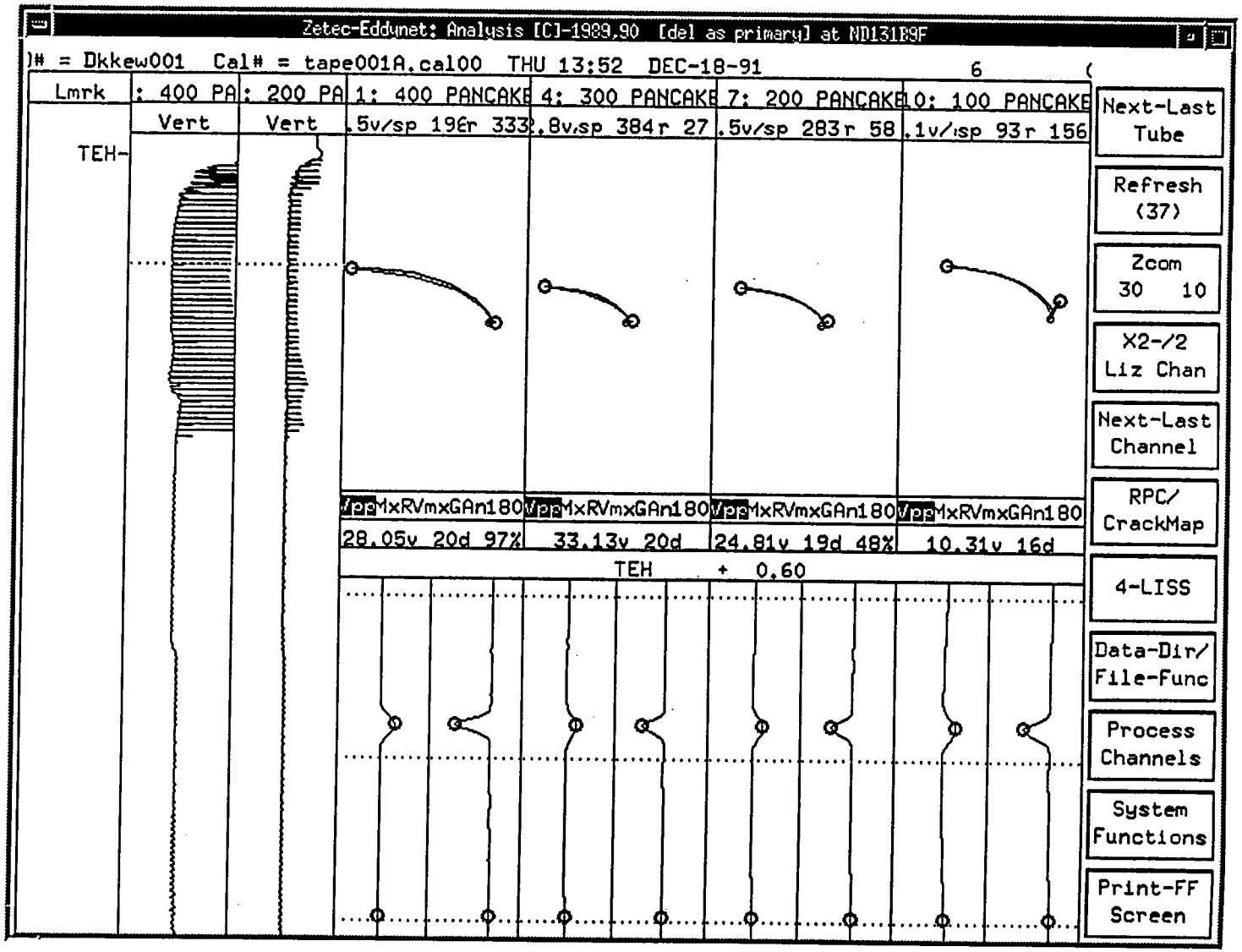

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:51 DEC-18-91
4
0
Lmrk
3: 400 AXIAL
Vert
TEH-
0.84
3: 400 AXIAL span 51 rot 7
# of Scans = 55
Trig Offset = 1
Points/Scan = 136
X & Y Scale = 1.0
Filter: Off
360
180
0
0.84
-0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(38)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

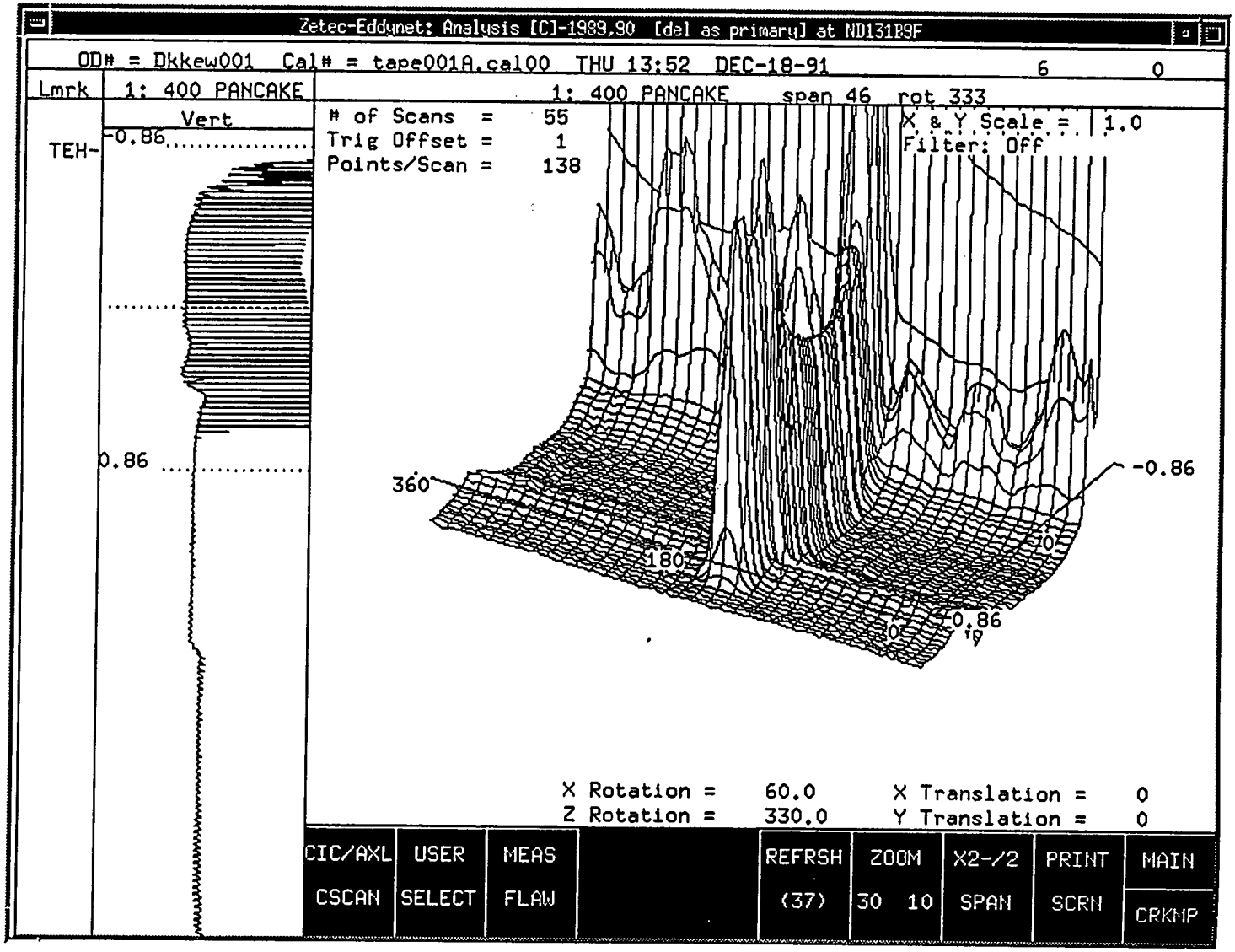

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:51 DEC-18-91
4
0
Lmrk
2: 400 CIRC
2: 400 CIRC span 111 rot 1
Vert
TEH-
0.84
# of Scans = 55
Trig Offset = 1
Points/Scan = 136
X & Y Scale = 1.0
Filter: Off
360
180
0
0.84
0
-0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(38)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

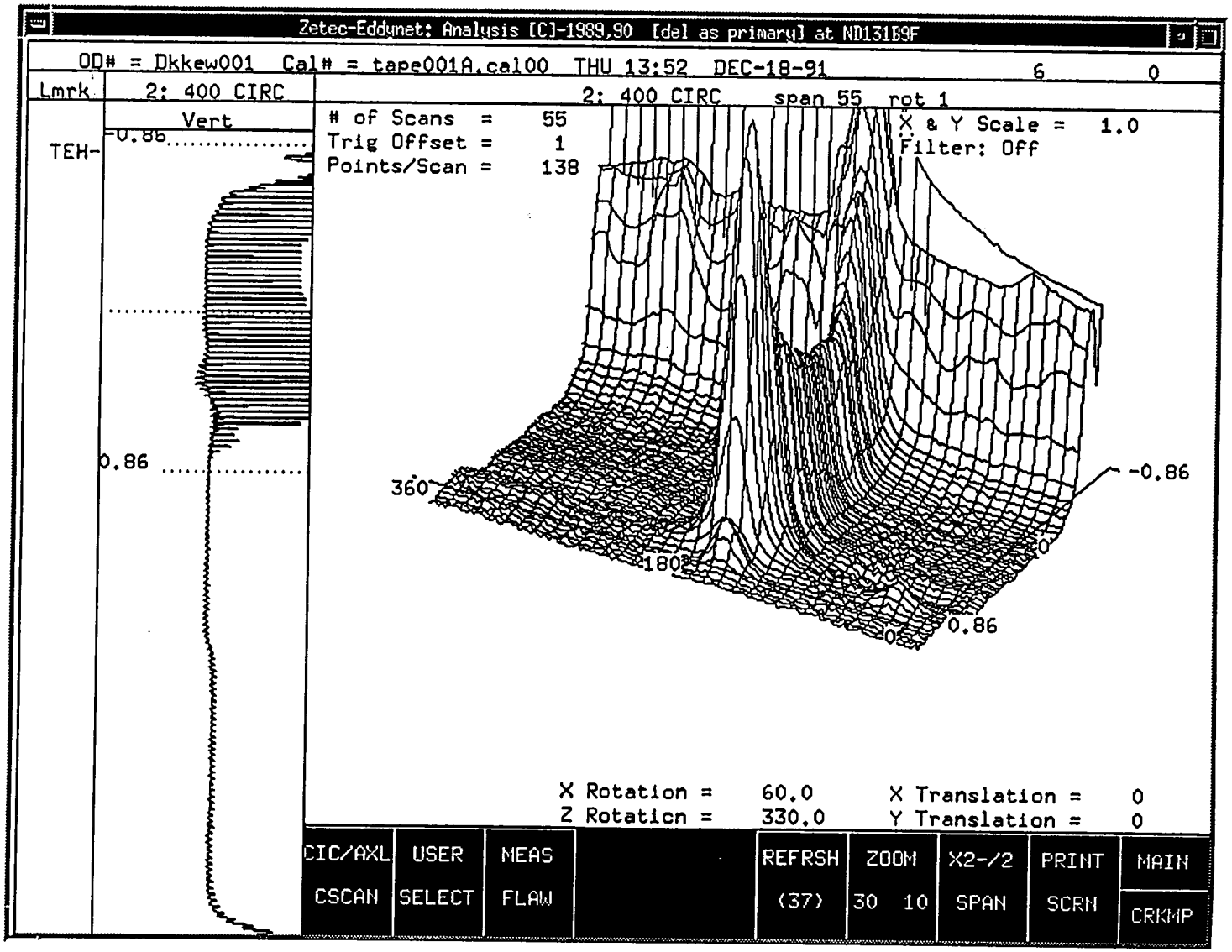

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91
6
0
Landmarks
1: 400 PANC
Vert
7: 200 PANC
Vert
1: 400 PANCAKE
3.58 v/d
span 93
rot 333
TEH-
Vpp
MxR
Vmx
GAn
180
26.99 volts 21 deg 97%
TEH
+ 0.66
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

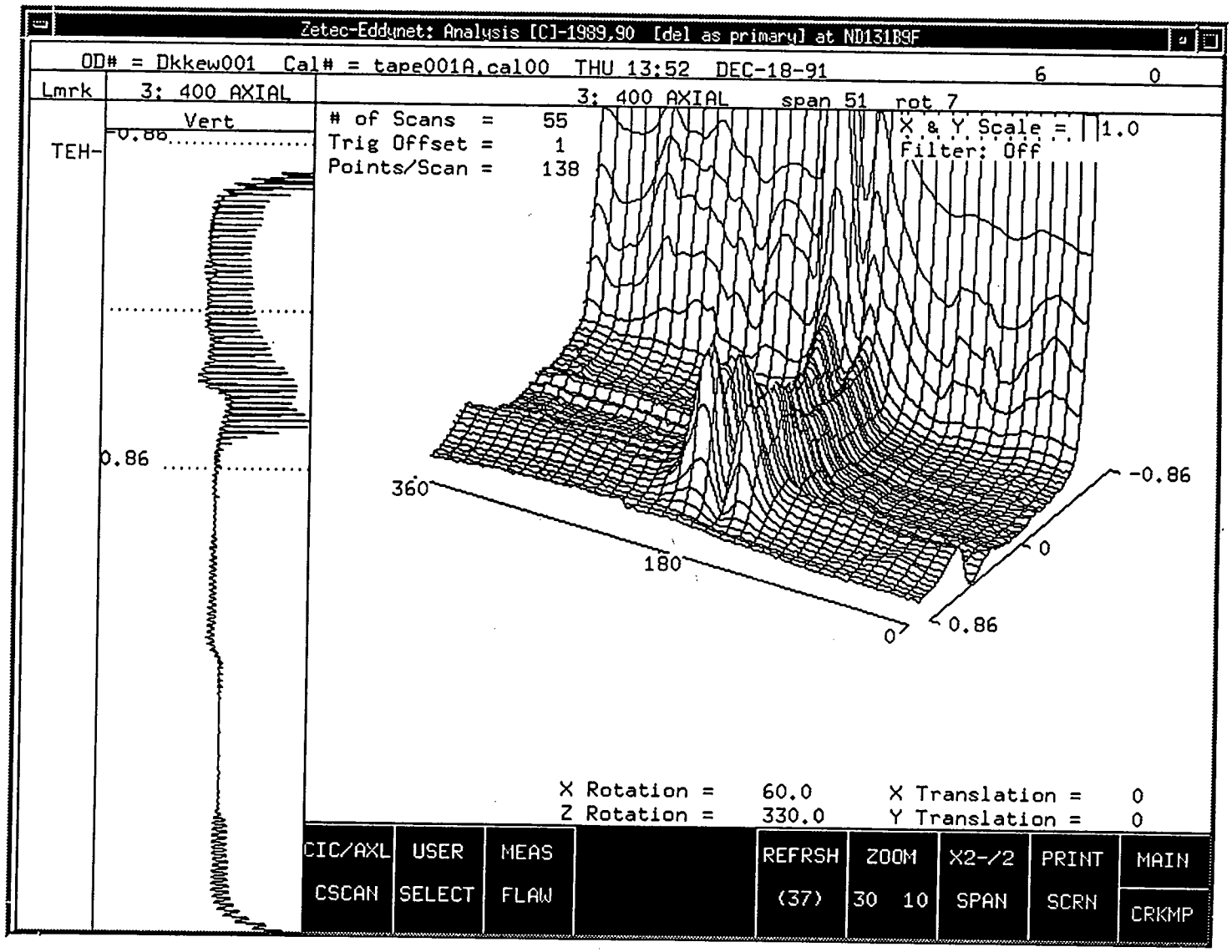

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND13189F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91
6
0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
2.74 v/d
span 111
rot 1
TEH-
Vpp
MxR
Vmx
GAn
180
17.43 volts 22 deg
TEH
+ 0.86
Next-Last Tube
Refresh
(37)
Zoom
30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

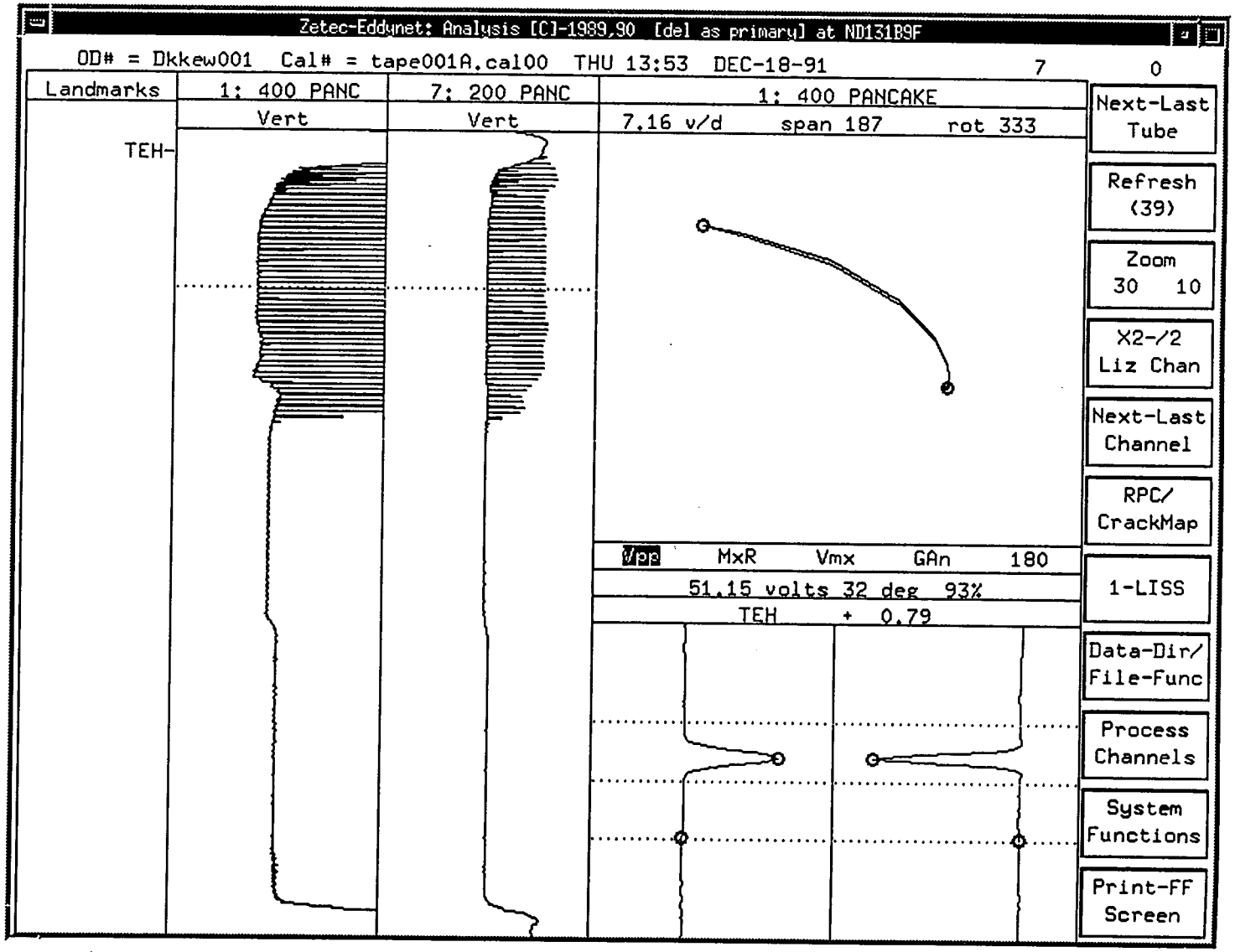

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91
6
0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d
span 51
rot 7
TEH-
Vpp
MxR
Vmx
GAn
180
6.13 volts 19 deg
TEH
+ 0.86
Next-Last Tube
Refresh (57)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

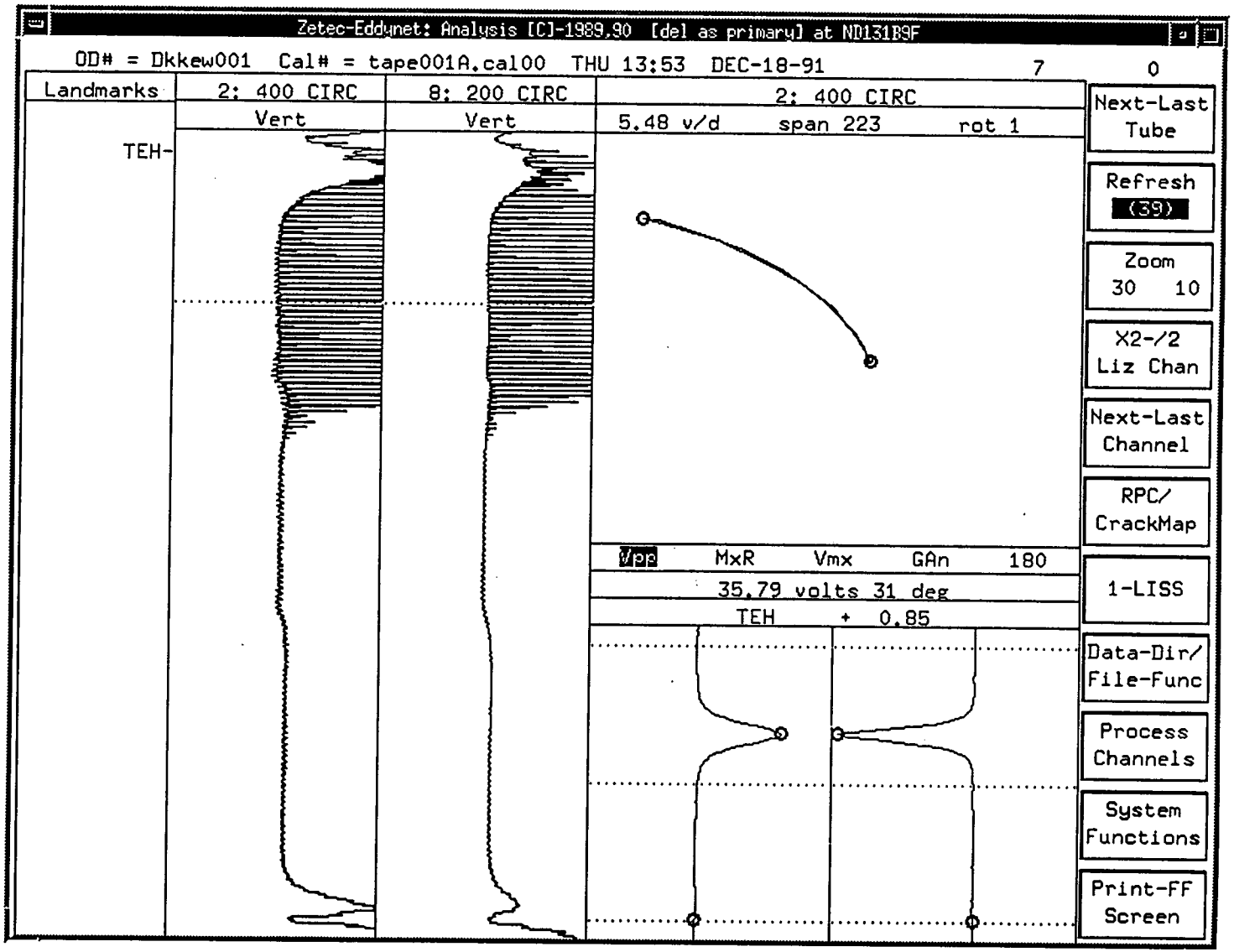

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.5v/sp 196r 333
.8v/sp 384r 27
.5v/sp 283r 58
.1v/sp 93r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
28.05v 20d 97%
33.13v 20d
24.81v 19d 48%
10.31v 16d
TEH + 0.60
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

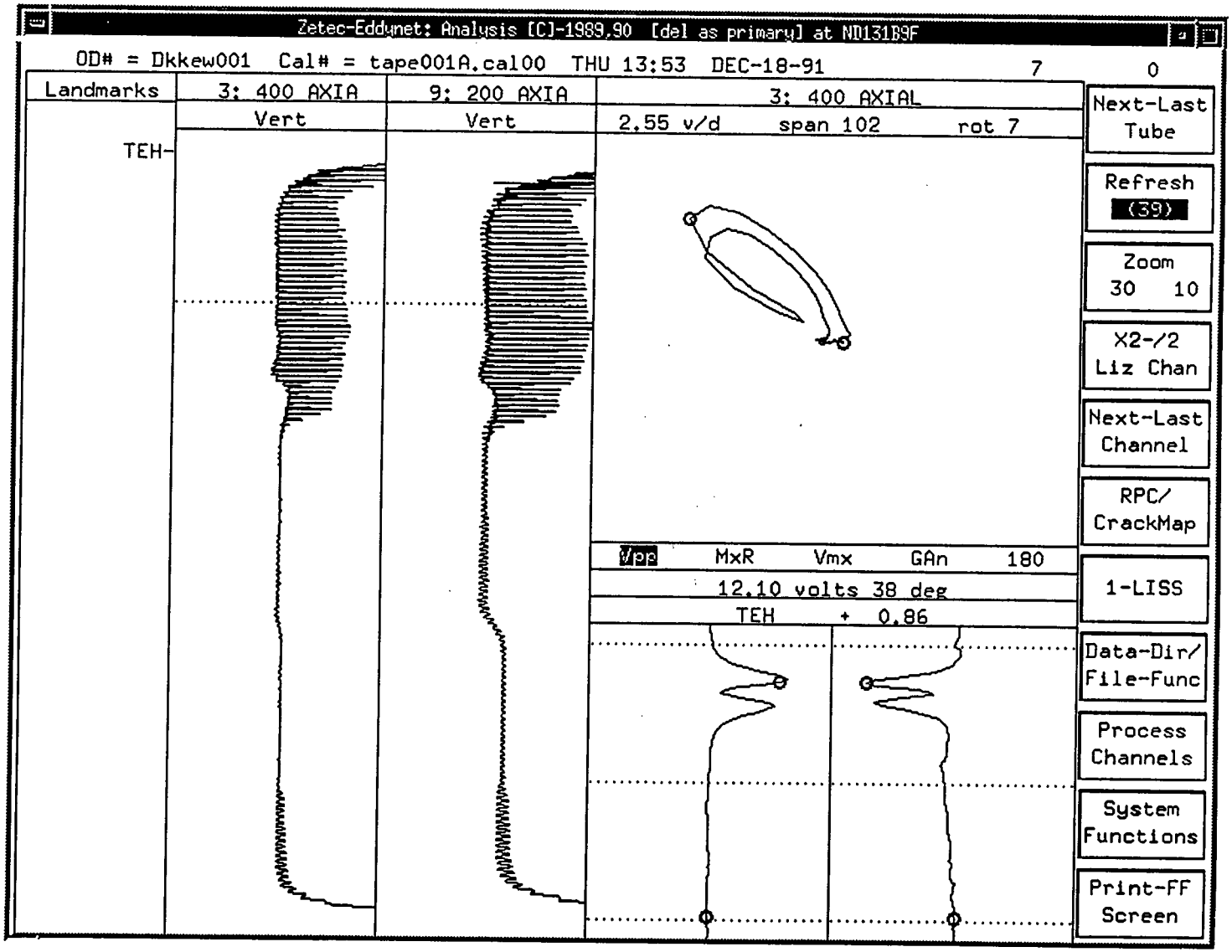

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91
6
0
Lmrk
1: 400 PANCAKE
Vert
TEH-
-0.86
0.86
1: 400 PANCAKE span 46 rot 333
# of Scans = 55
Trig Offset = 1
Points/Scan = 138
X & Y Scale = 1.0
Filter: Off
360
180
-0.86
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(37)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

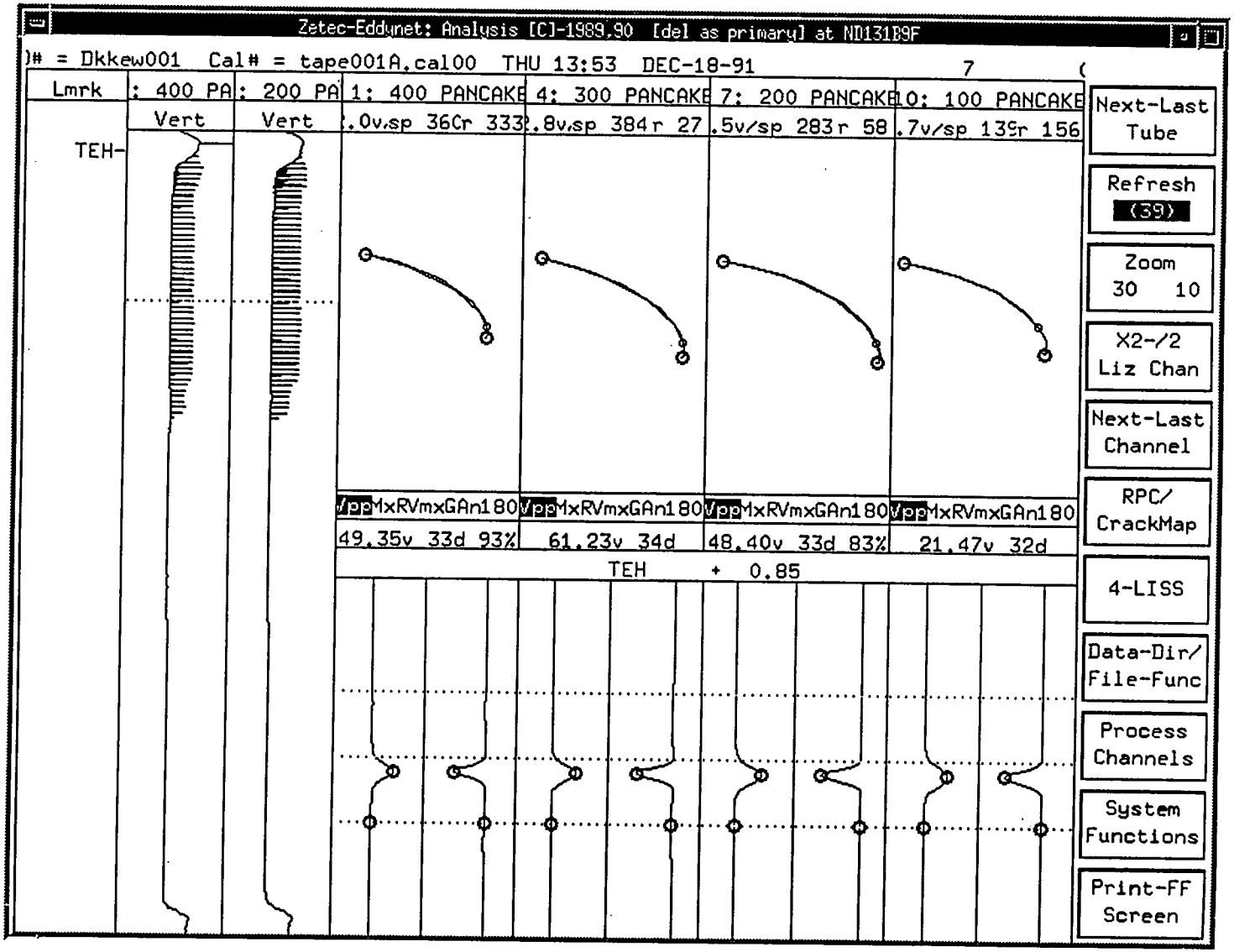

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91 6 0
Lmrk 2: 400 CIRC
Vert
TEH-
0.86
0.86
2: 400 CIRC span 55 rot 1
# of Scans = 55
Trig Offset = 1
Points/Scan = 138
X & Y Scale = 1.0
Filter: Off
360
180
0
0.86
-0.86
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (37)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

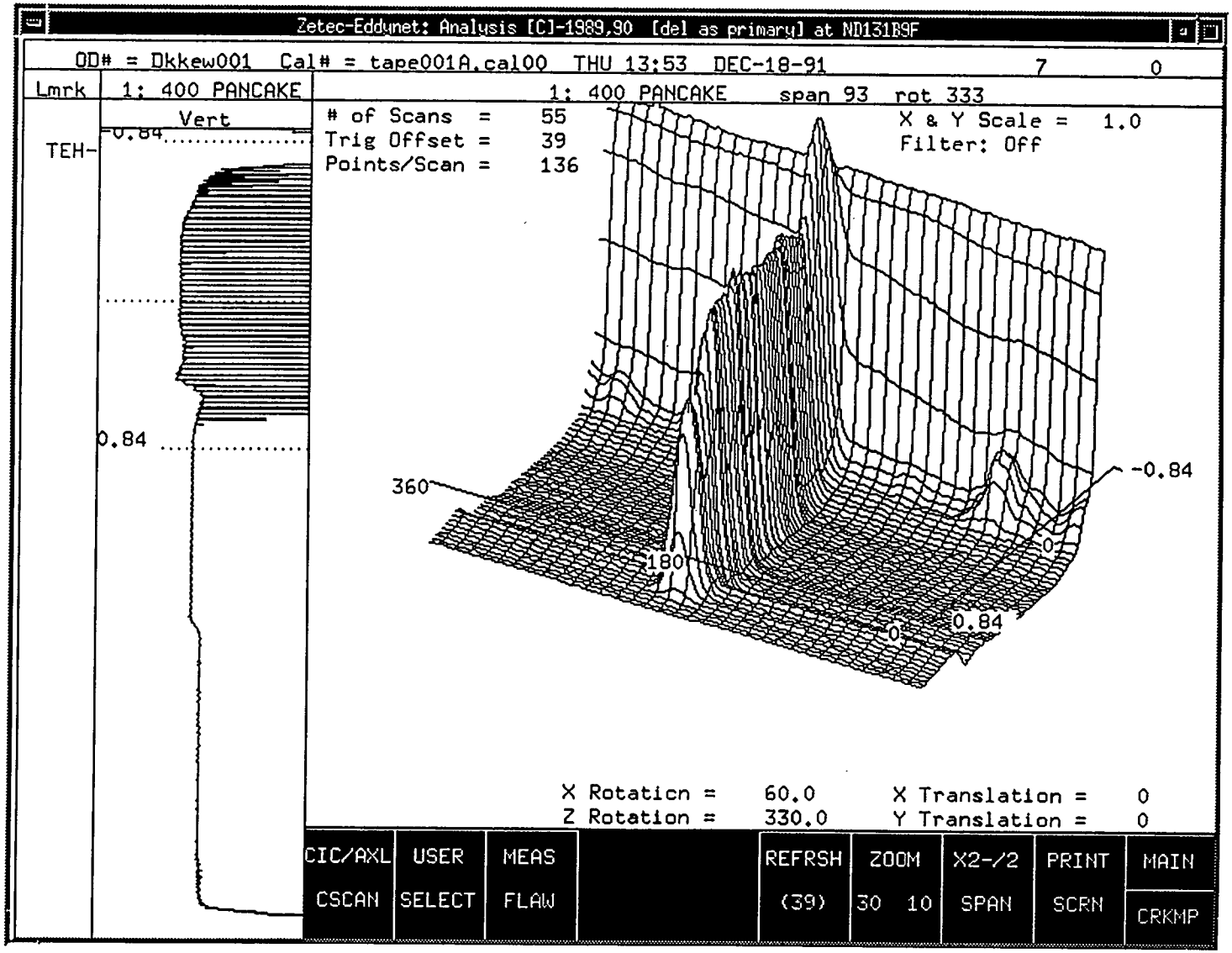

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:52 DEC-18-91
6
0
Lmrk
3: 400 AXIAL
Vert
TEH-
0.86
0.86
3: 400 AXIAL span 51 rot 7
# of Scans = 55
Trig Offset = 1
Points/Scan = 138
X & Y Scale = 1.0
Filter: Off
360
180
0
0.86
0
-0.86
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(37)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

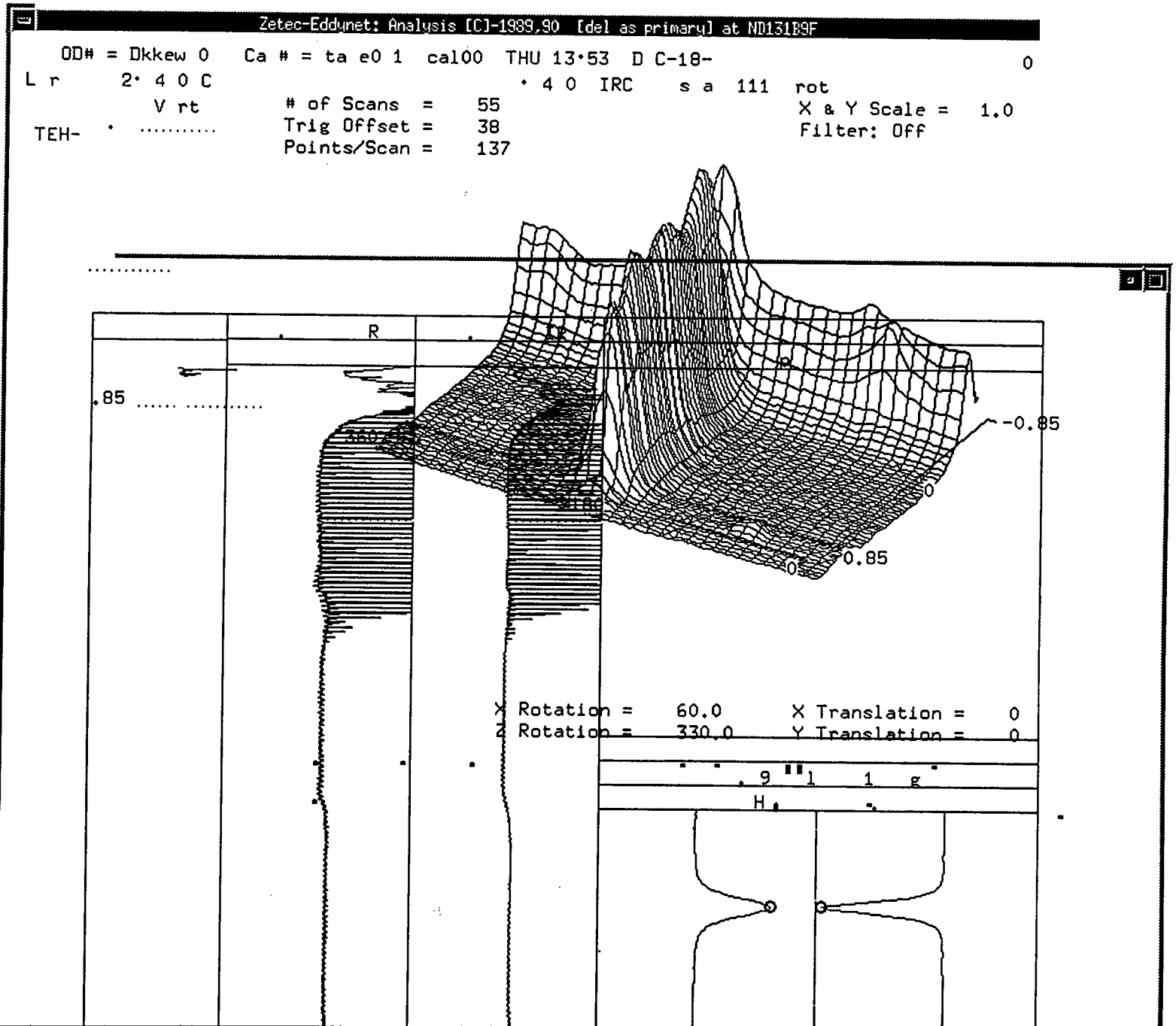

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:53 DEC-18-91
7
0
Landmarks
1: 400 PANC
Vert
7: 200 PANC
Vert
1: 400 PANCAKE
7.16 v/d span 187 rot 333
TEH-
Vpp MxR Vmx GAn 180
51.15 volts 32 deg 93%
TEH + 0.79
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

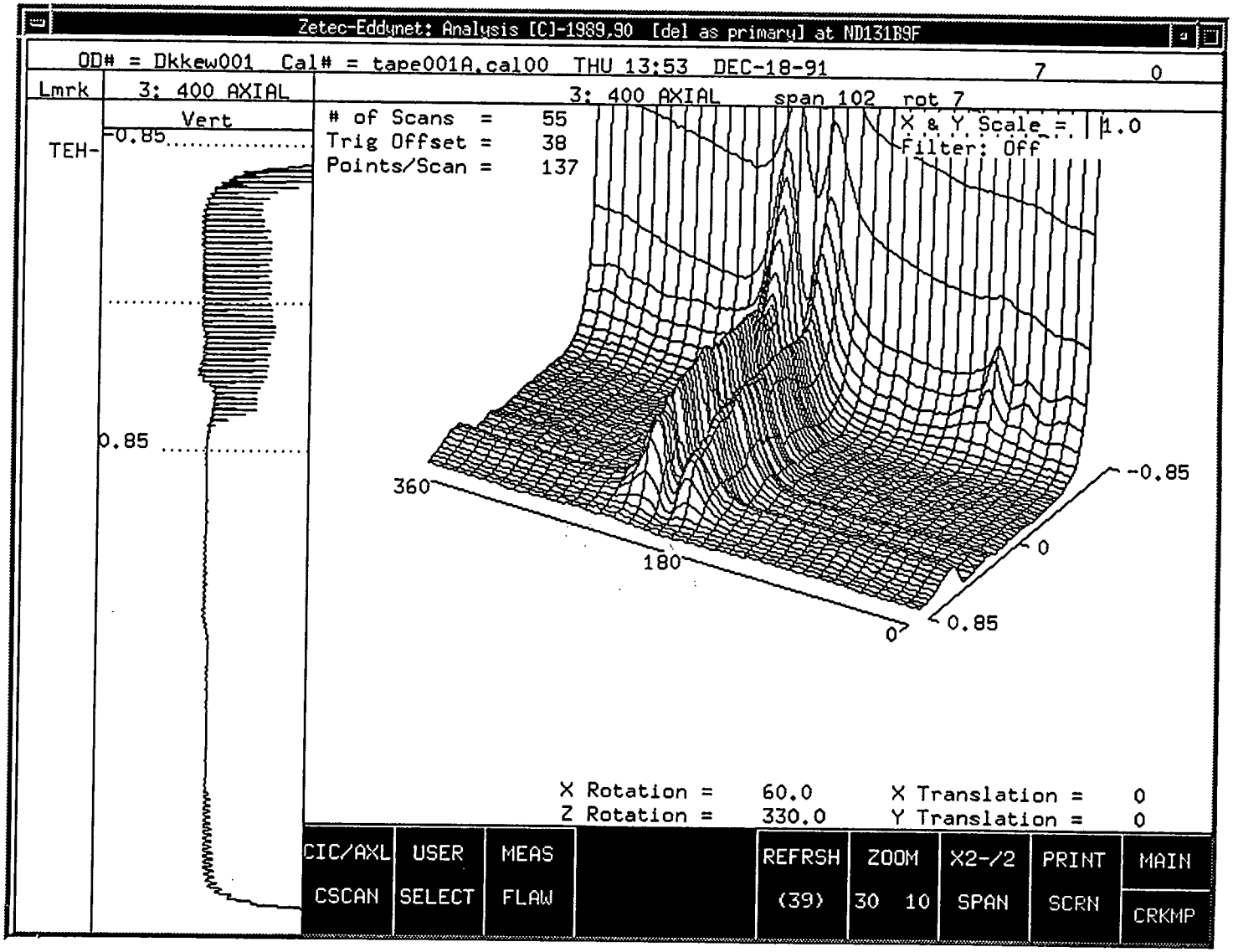

Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:53 DEC-18-91 7 0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
2: 400 CIRC
5.48 v/d span 223 rot 1
TEH-
Vpp MxR Vmx GAn 180
35.79 volts 31 deg
TEH + 0.85
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

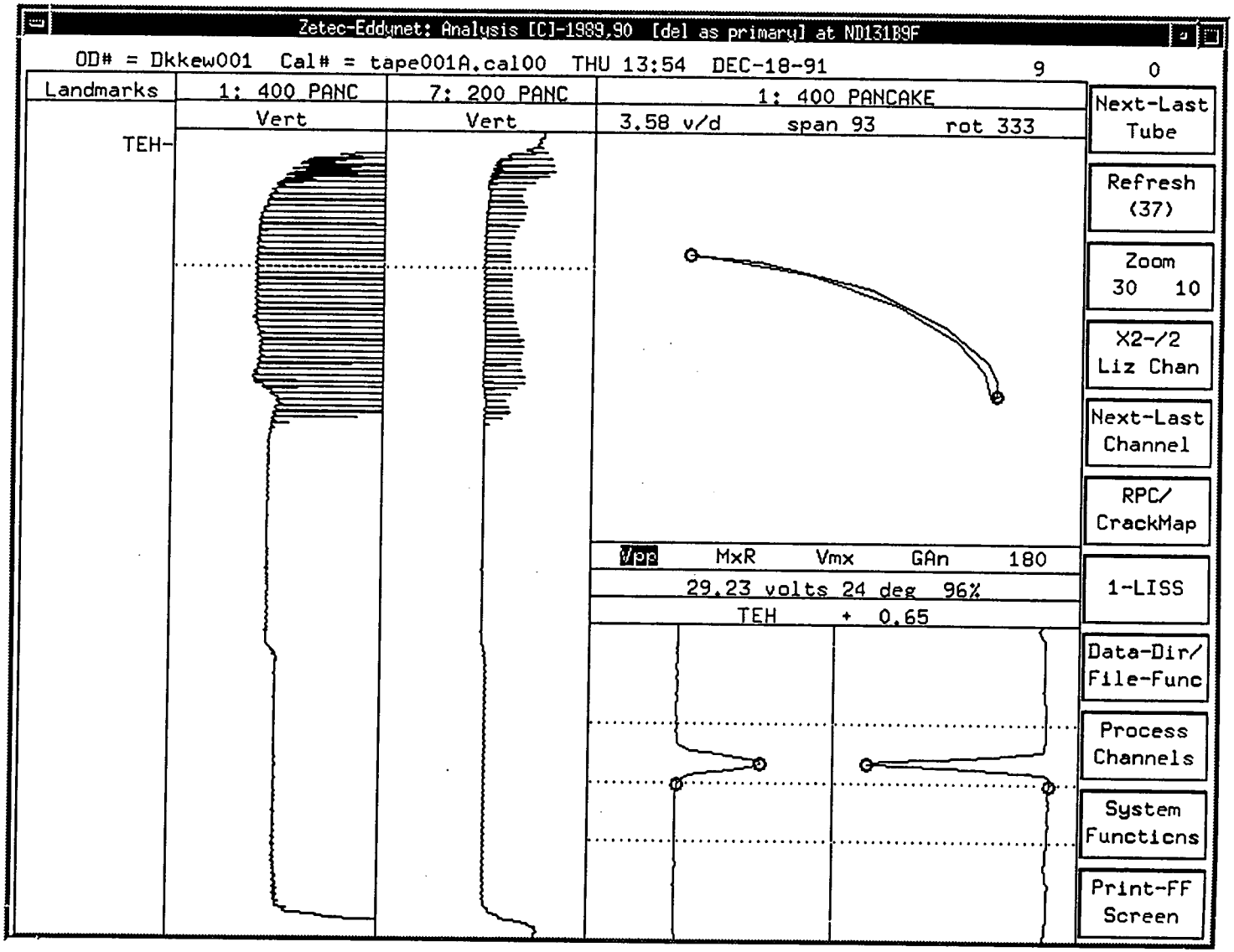

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:53 DEC-18-91
7
0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
2.55 v/d
span 102
rot 7
TEH-
Vpp
MxR
Vmx
GAn
180
12.10 volts 38 deg
TEH
+ 0.86
Next-Last Tube
Refresh
(39)
Zoom
30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

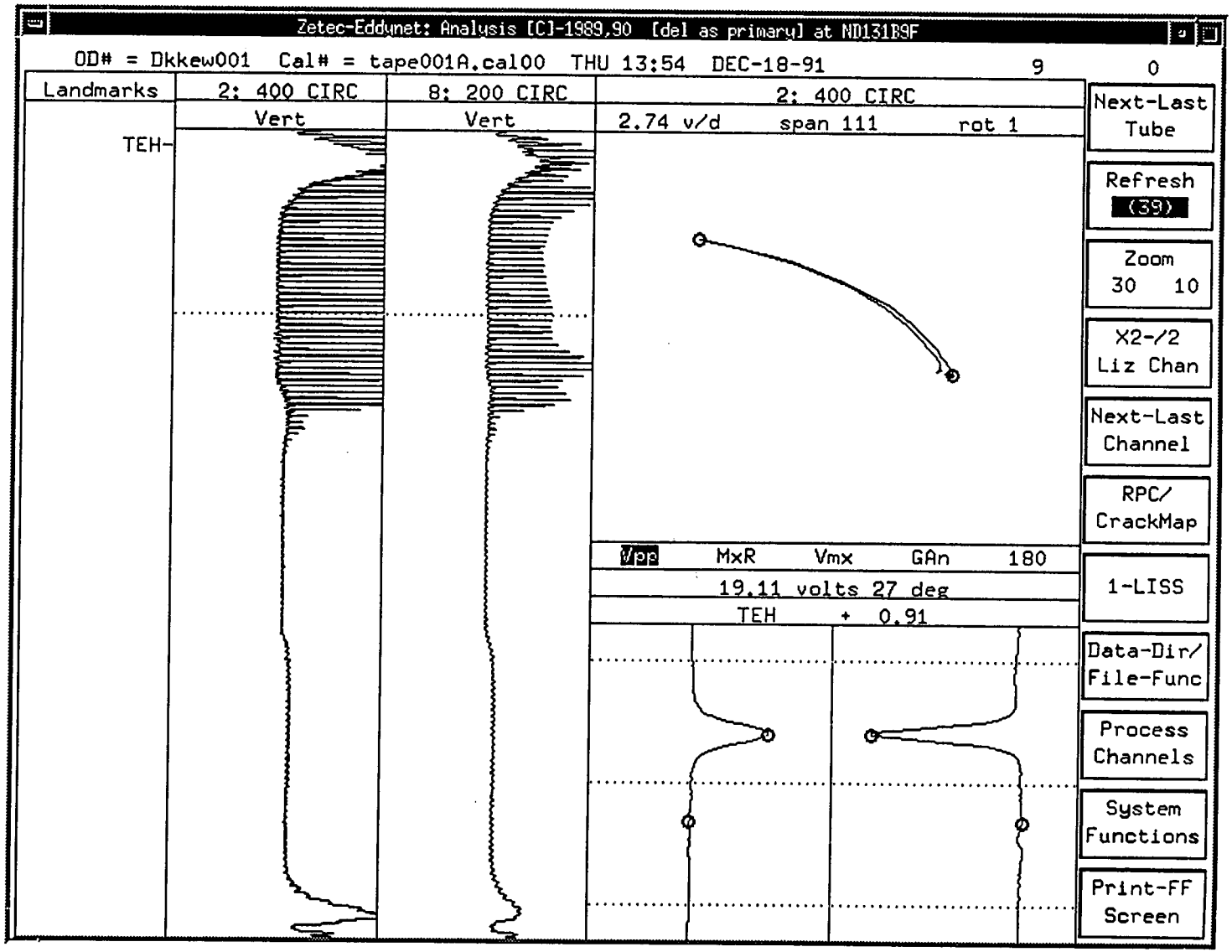

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND13189F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:53 DEC-18-91
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.0v/sp 36Cr 333
.8v/sp 384r 27
.5v/sp 283r 58
.7v/sp 139r 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
49.35v 33d 93%
61.23v 34d
48.40v 33d 83%
21.47v 32d
TEH + 0.85
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

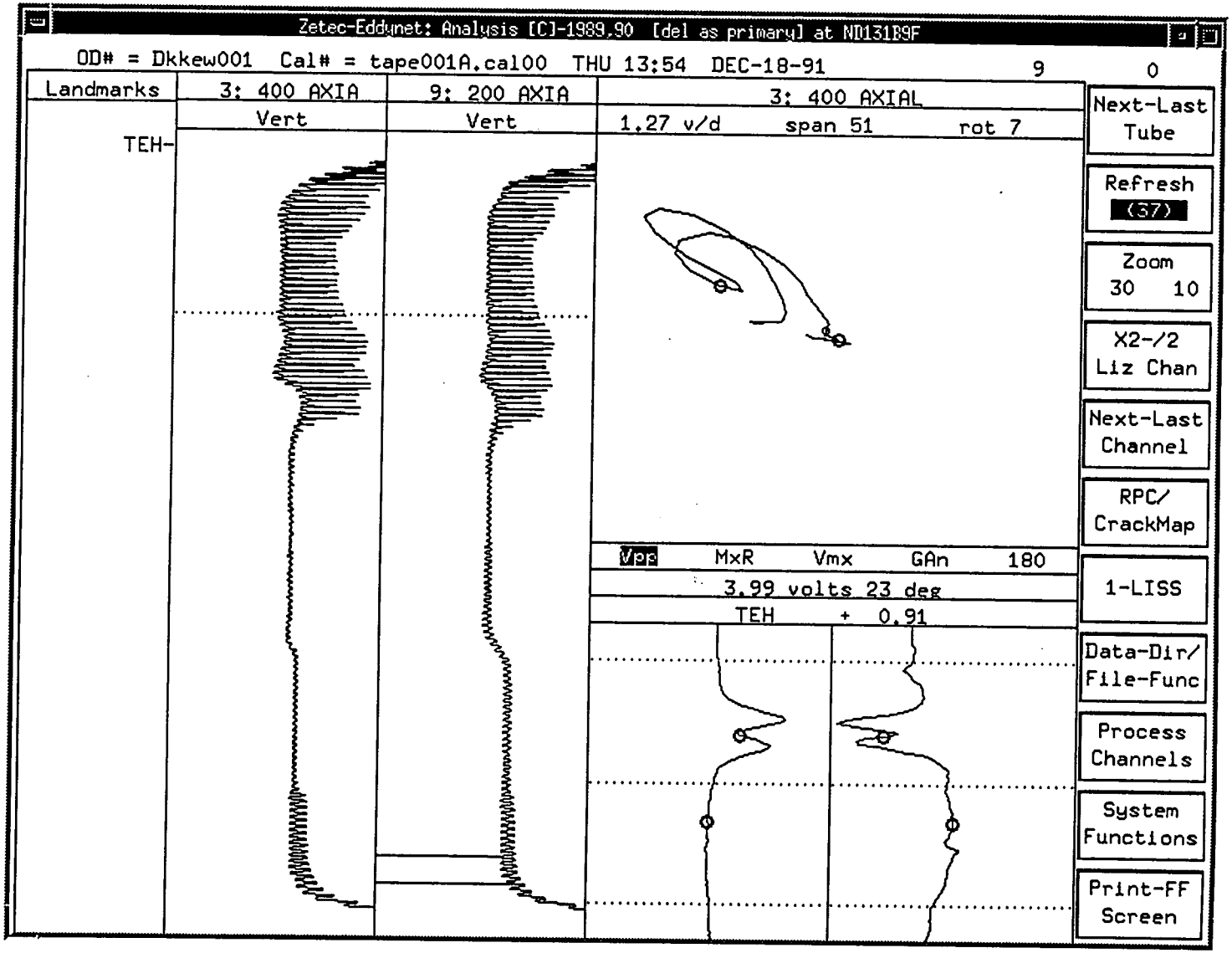

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:53 DEC-18-91
7 0
Lmrk
1: 400 PANCAKE
Vert
TEH-
0.84
0.84
1: 400 PANCAKE span 93 rot 333
# of Scans = 55
Trig Offset = 39
Points/Scan = 136
X & Y Scale = 1.0
Filter: Off
360
180
0
0
0
0.84
-0.84
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(39)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

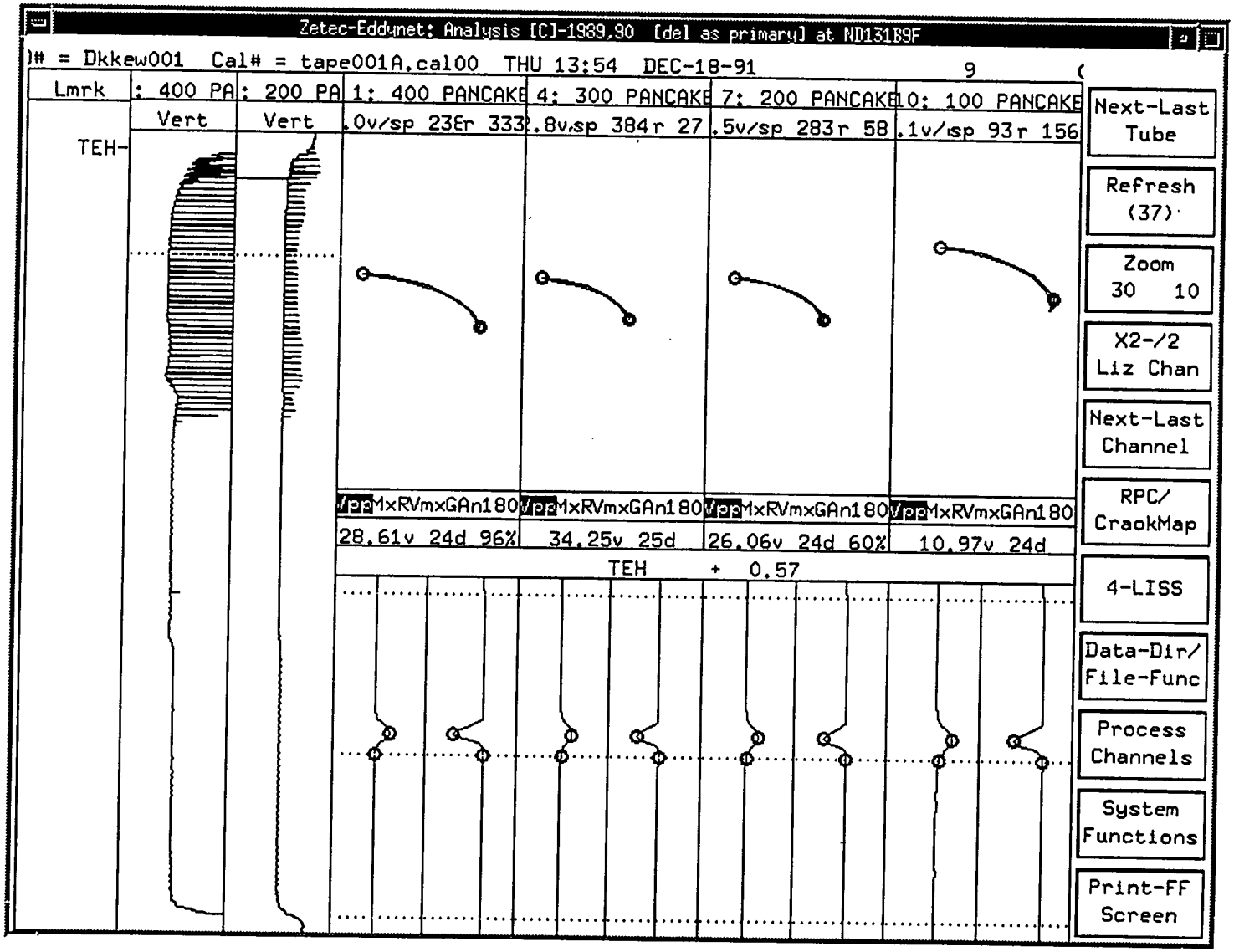

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew 0 Ca # = ta e0 1 cal00 THU 13•53 D C-18-
L r 2• 4 0 C • 4 0 IRC s a 111 rot
V rt
TEH-
# of Scans = 55
Trig Offset = 38
Points/Scan = 137
X & Y Scale = 1.0
Filter: Off
R
.85
-0.85
0
0.85
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0

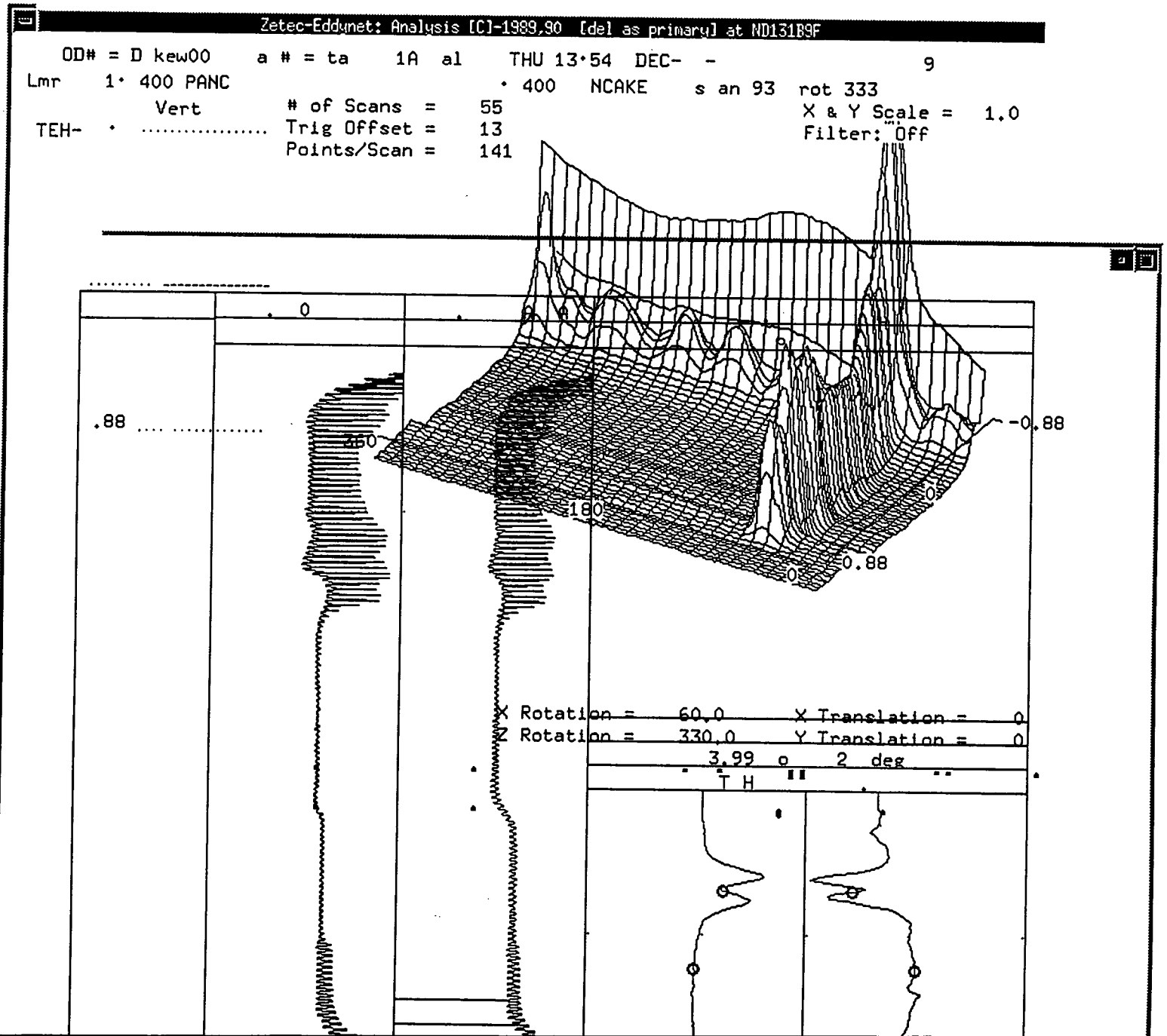

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:53 DEC-18-91
7
0
Lmrk
3: 400 AXIAL
Vert
TEH-
0.85
0.85
3: 400 AXIAL span 102 rot 7
# of Scans = 55
Trig Offset = 38
Points/Scan = 137
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.85
0
0.85
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(39)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

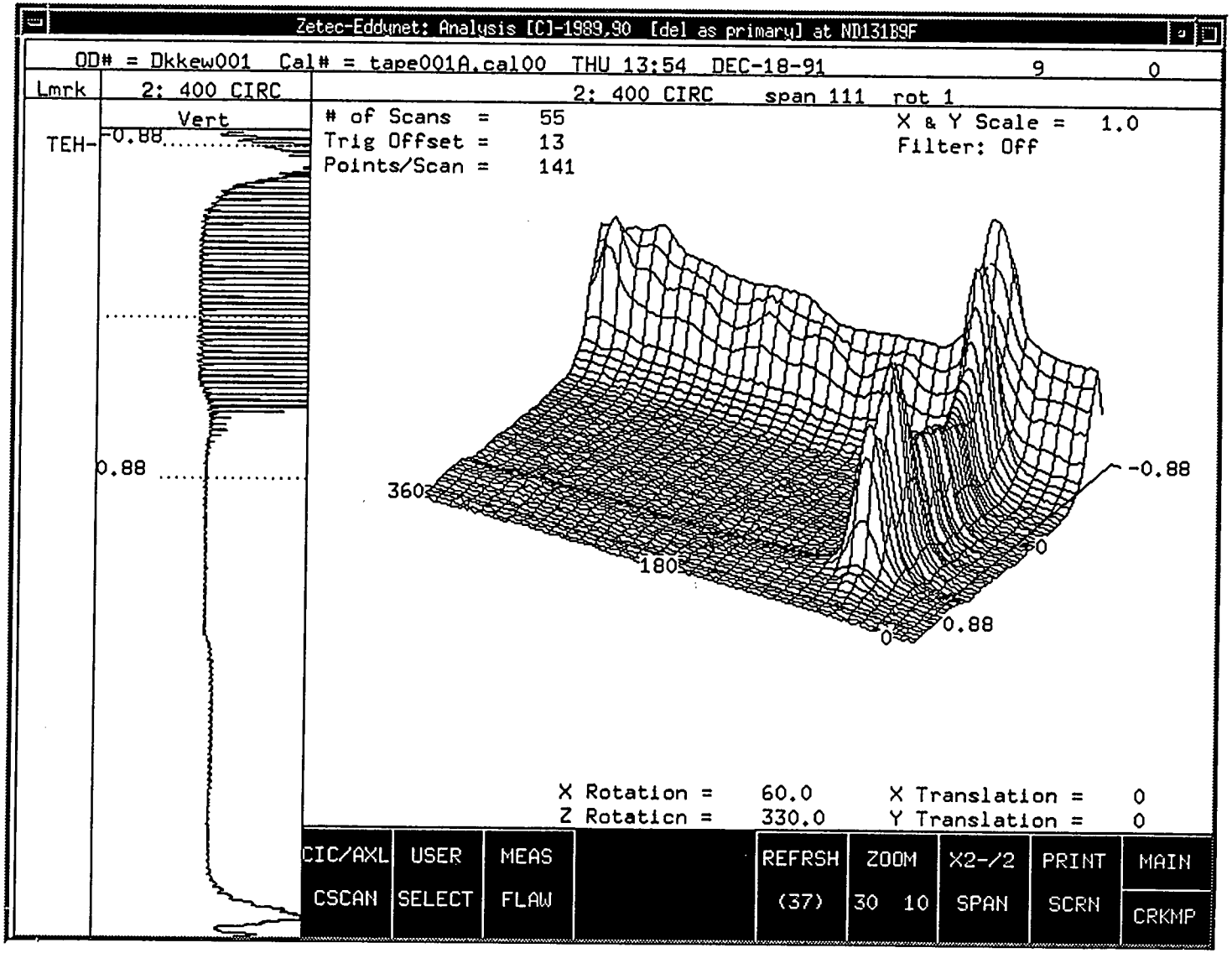

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:54 DEC-18-91
9
0
Landmarks
1: 400 PANC
Vert
7: 200 PANC
Vert
1: 400 PANCAKE
3.58 v/d span 93 rot 333
TEH-
Vpp MxR Vmx GAn 180
29.23 volts 24 deg 96%
TEH + 0.65
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

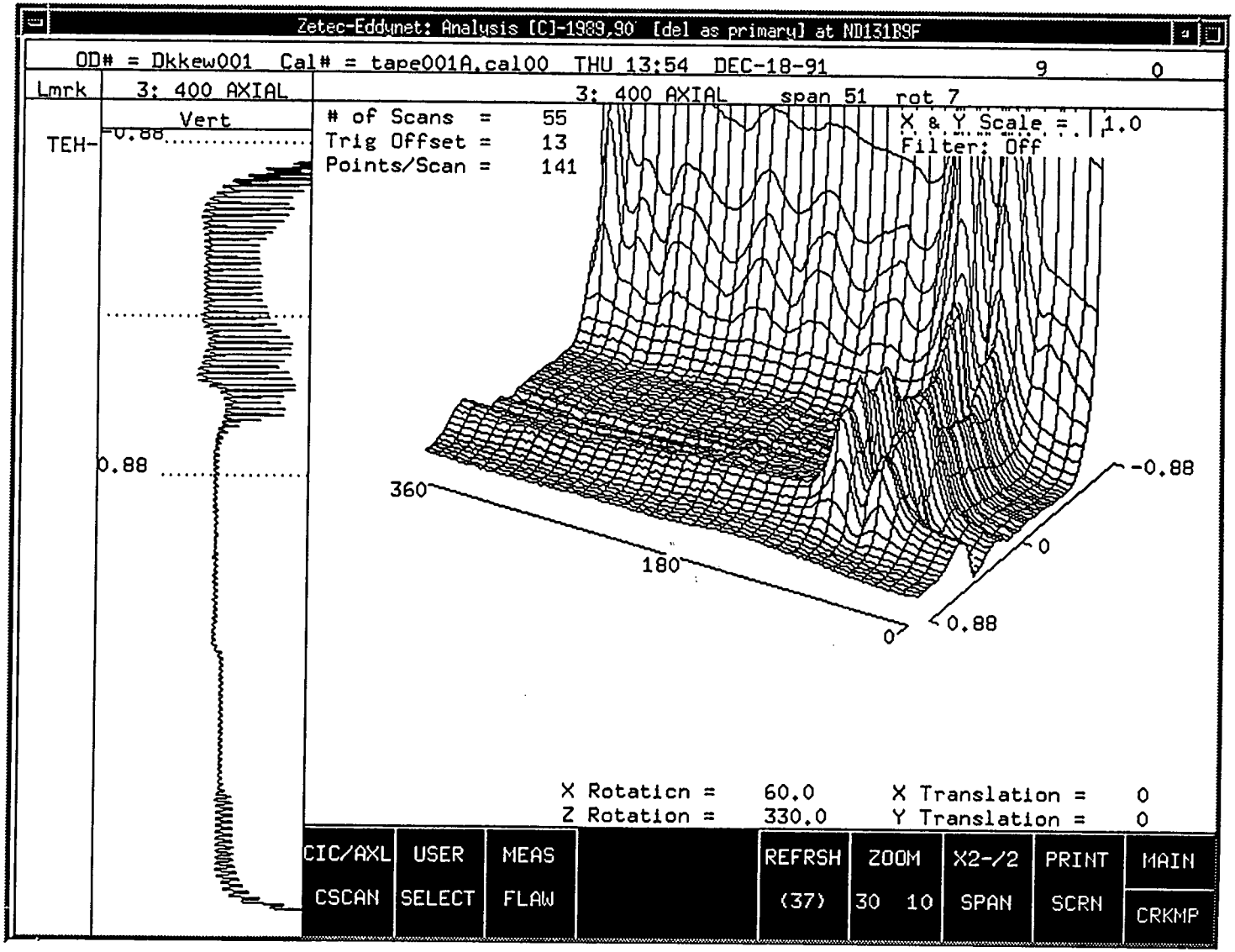

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:54 DEC-18-91
9
0
Landmarks
2: 400 CIRC
Vert
8: 200 CIRC
Vert
TEH-
2: 400 CIRC
2.74 v/d span 111 rot 1
Vpp MxR Vmx GAn 180
19.11 volts 27 deg
TEH + 0.91
Next-Last Tube
Refresh (39)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

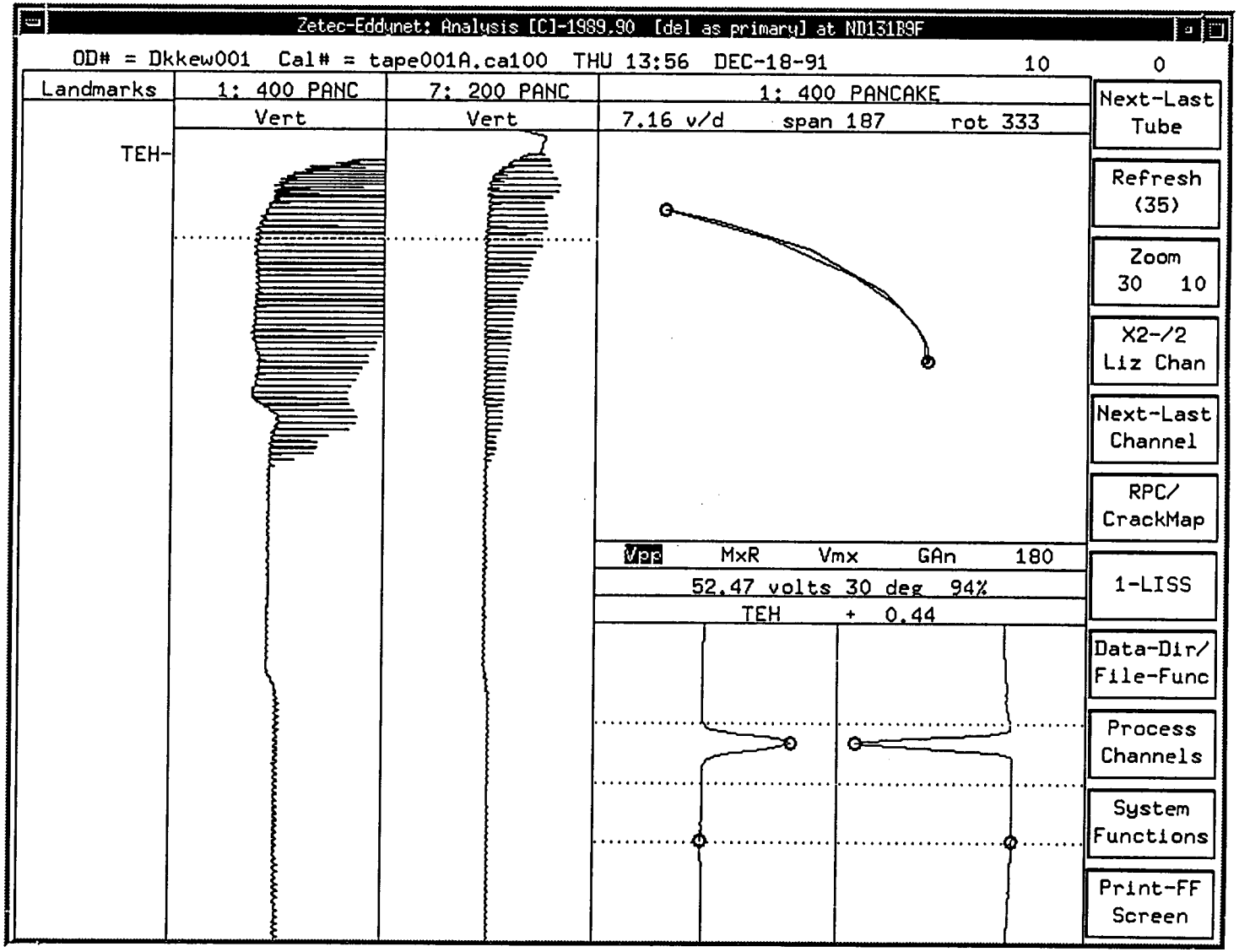

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:54 DEC-18-91
9
0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
1.27 v/d span 51 rot 7
TEH-
Vpp MxR Vmx GAn 180
3.99 volts 23 deg
TEH + 0.91
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

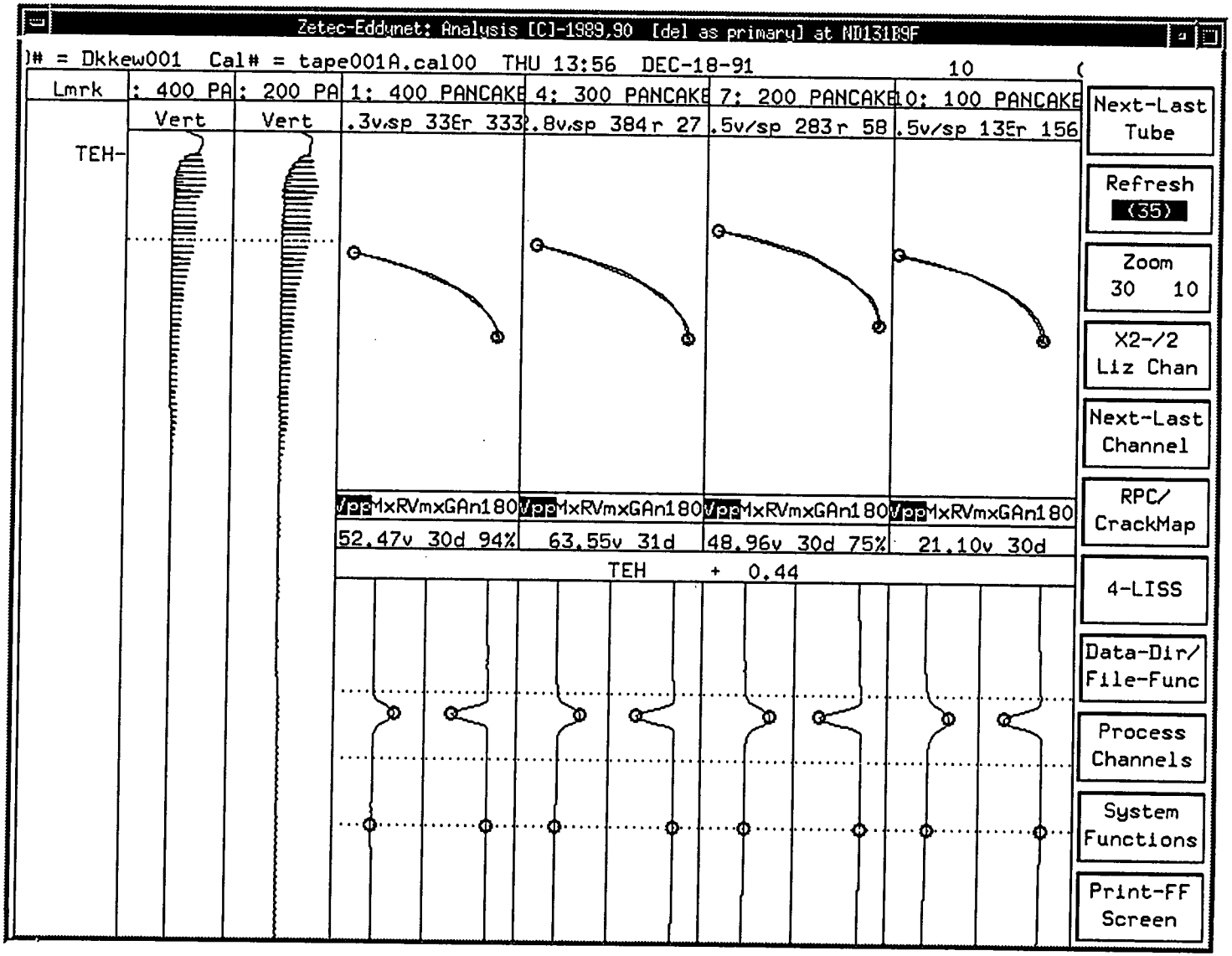

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:54 DEC-18-91
9
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.0v/sp 23Er 333
.8v/sp 384r 27
.5v/sp 283r 58
.1v/sp 93r 156
TEH-
28.61v 24d 96%
34.25v 25d
26.06v 24d 60%
10.97v 24d
TEH + 0.57
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CraokMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

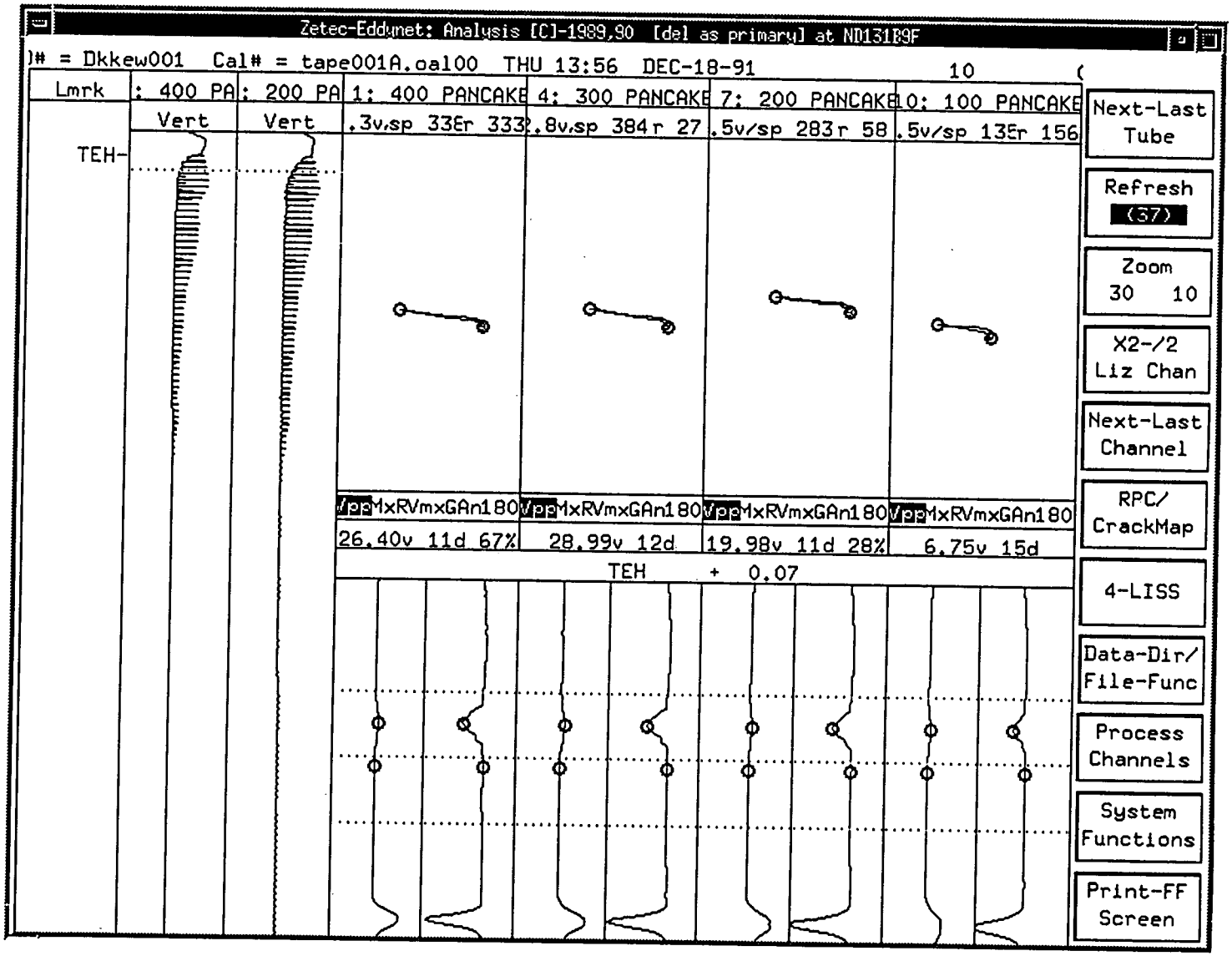

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at MD131B9F
OD# = D kew00 a # = ta 1A al THU 13·54 DEC- -
Lmr 1· 400 PANC · 400 NCAKE s an 93 rot 333
Vert # of Scans = 55
TEH- · ..... Trig Offset = 13
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
.88
-0.88
0.88
X Rotation = 60.0 X Translation = 0
Z Rotation = 330.0 Y Translation = 0
3.99 o 2 deg
T H

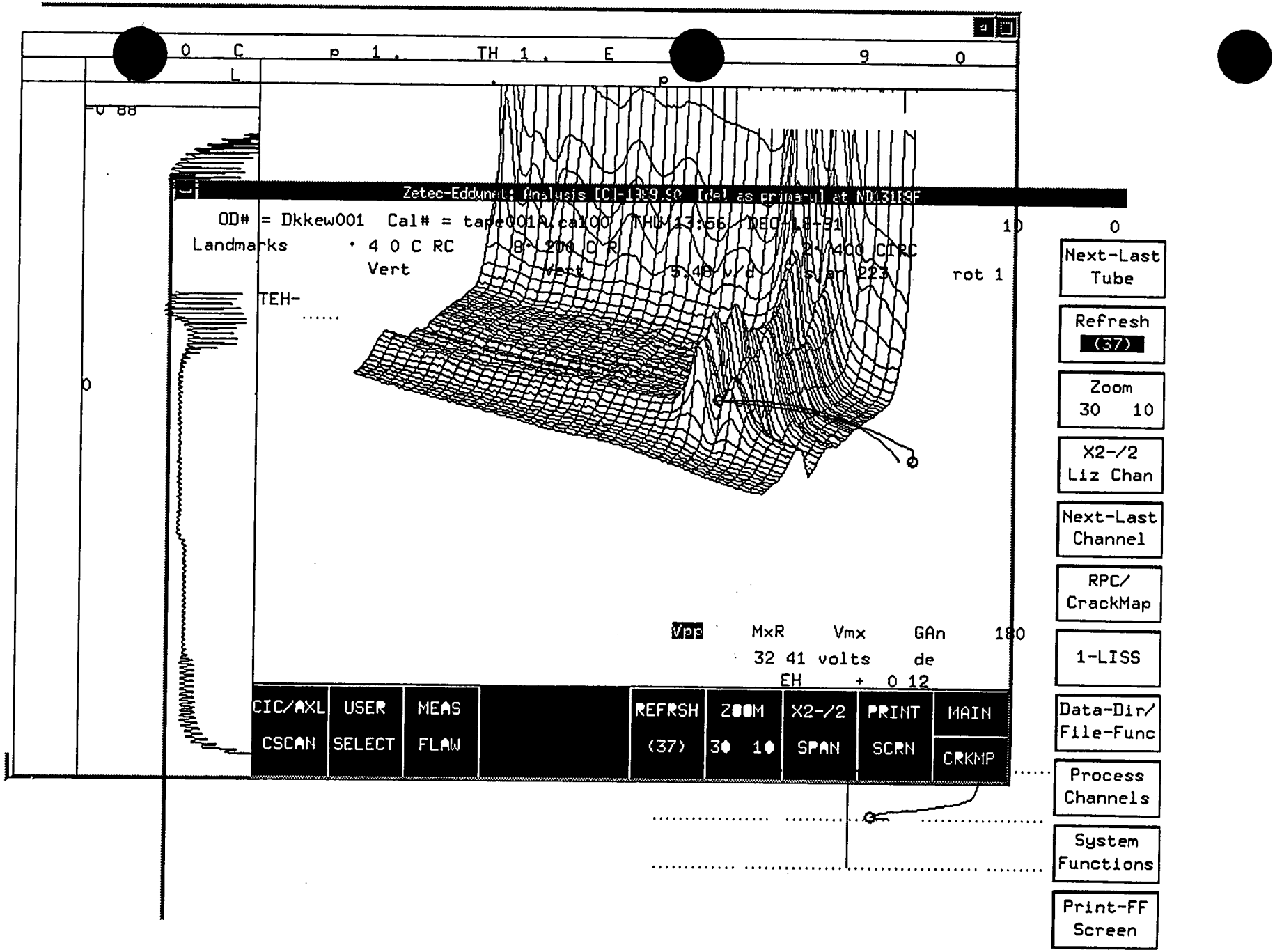

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:54 DEC-18-91 9 0
Lmrk 2: 400 CIRC
2: 400 CIRC span 111 rot 1
Vert
TEH-
-0.88
0.88
# of Scans = 55
Trig Offset = 13
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
360
180
0
0.88
-0.88
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(37)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP

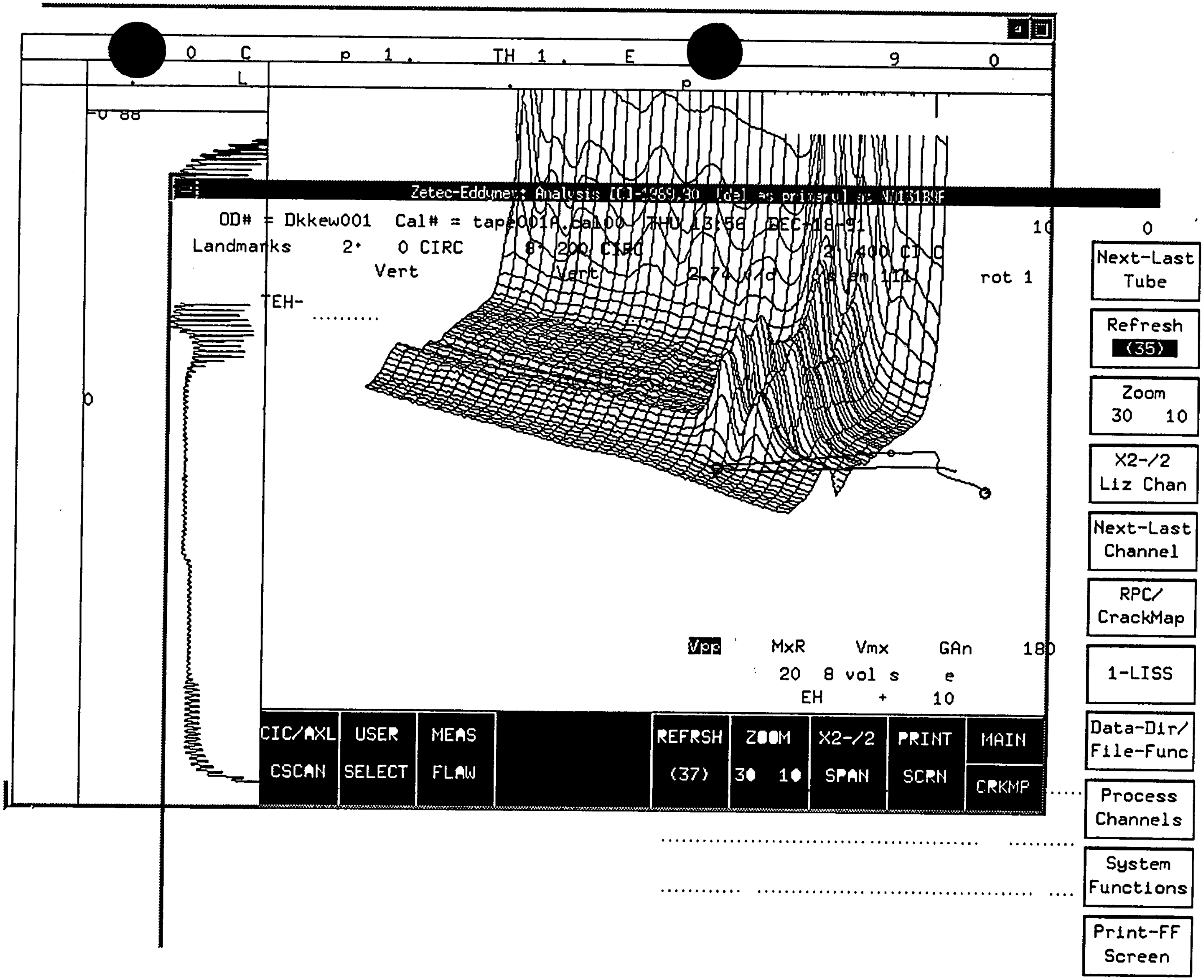

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:54 DEC-18-91
9
0
Lmrk
3: 400 AXIAL
3: 400 AXIAL span 51 rot 7
Vert
TEH-
0.88
# of Scans = 55
Trig Offset = 13
Points/Scan = 141
X & Y Scale = 1.0
Filter: Off
360
180
0
0
0.88
-0.88
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(37)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP


Zetec-Eddynet: Analysis [C]-1989.90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.ca100 THU 13:56 DEC-18-91 10 0
Landmarks
1: 400 PANC
Vert
7: 200 PANC
Vert
1: 400 PANCAKE
7.16 v/d span 187 rot 333
TEH-
Vpp MxR Vmx GAn 180
52.47 volts 30 deg 94%
TEH + 0.44
Next-Last Tube
Refresh (35)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

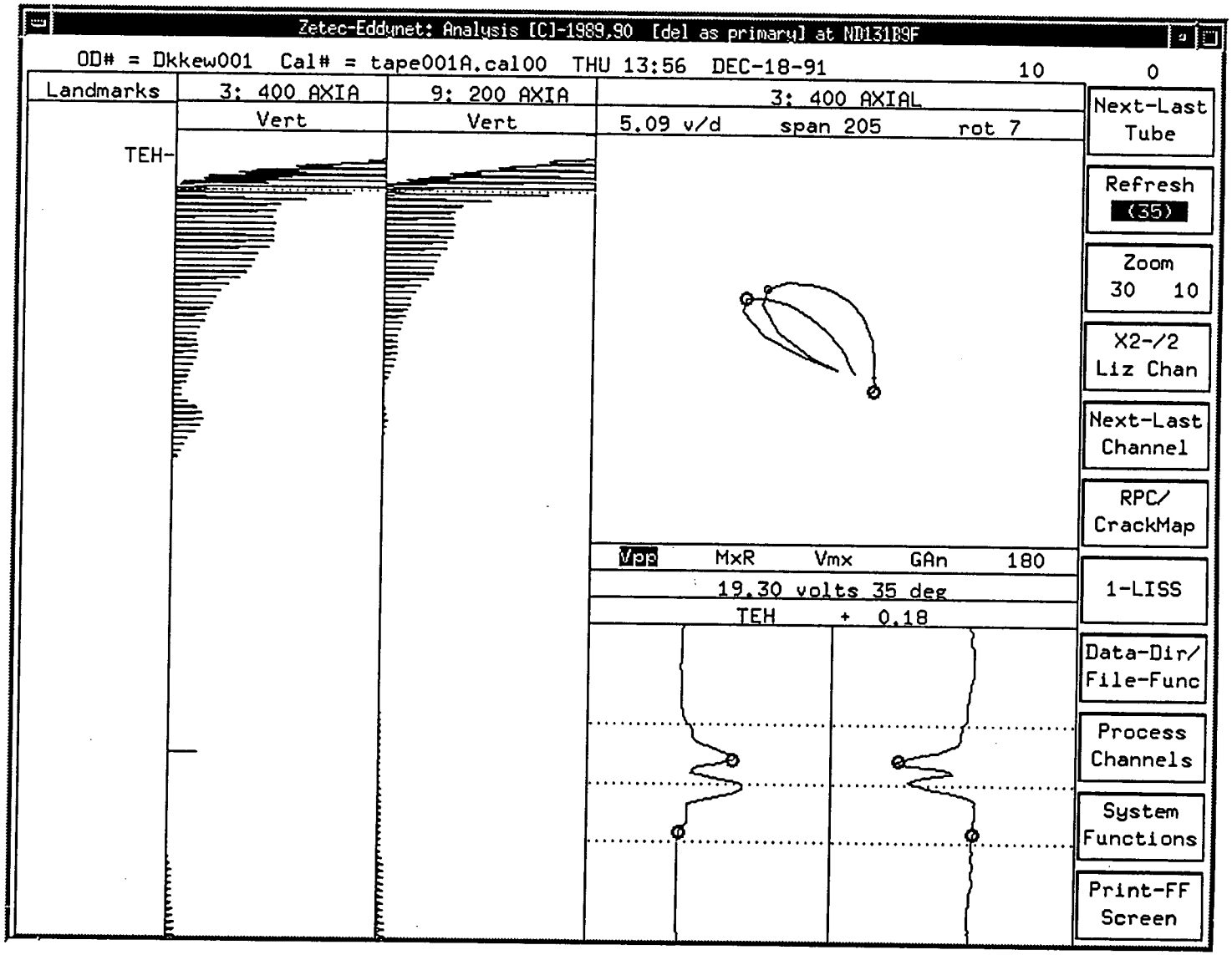

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
10
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.3v/sp 33Er 333
.8v/sp 384r 27
.5v/sp 283r 58
.5v/sp 13Er 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
52.47v 30d 94%
63.55v 31d
48.96v 30d 75%
21.10v 30d
TEH + 0.44
Next-Last Tube
Refresh (35)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

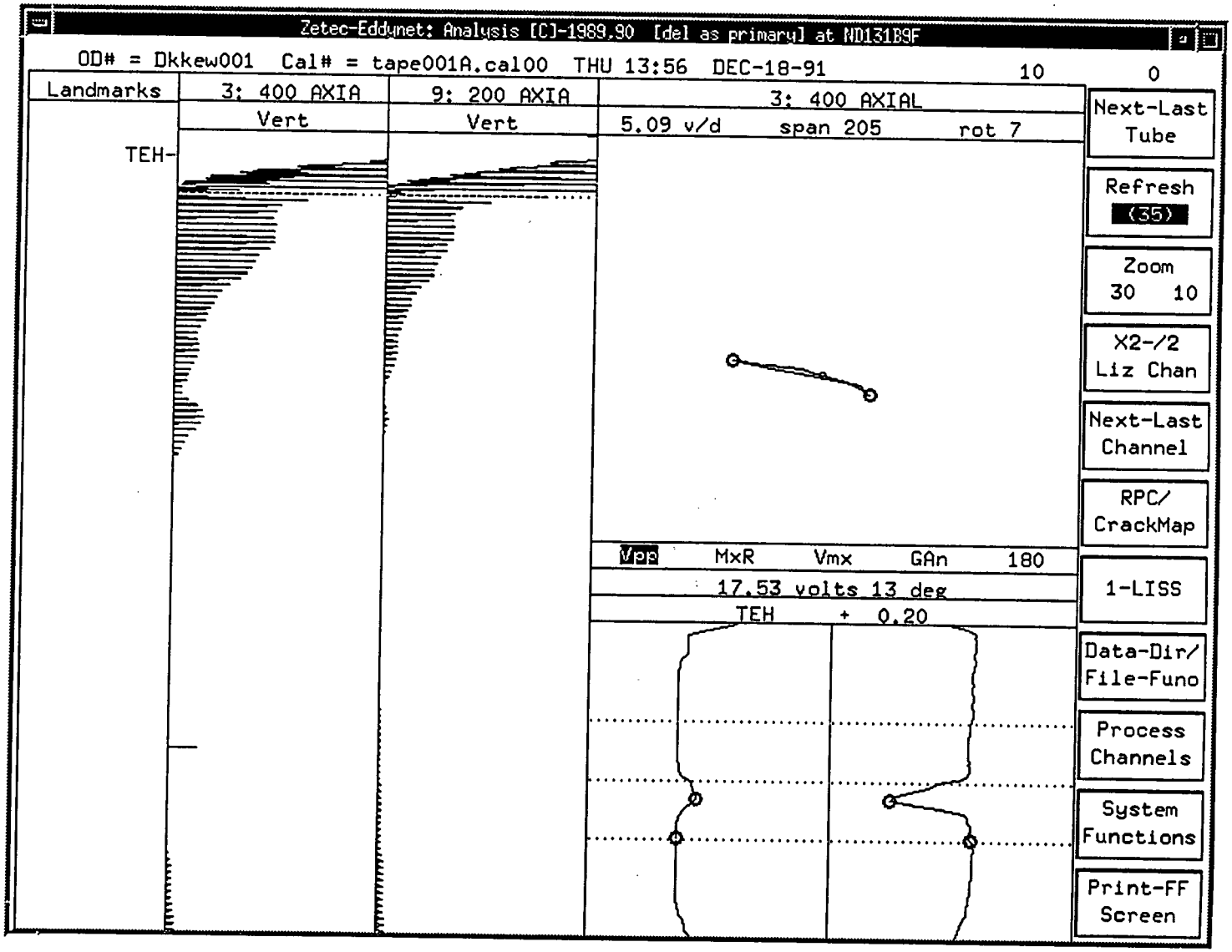

Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at NM13189F
)# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
10
Lmrk
: 400 PA
: 200 PA
1: 400 PANCAKE
4: 300 PANCAKE
7: 200 PANCAKE
10: 100 PANCAKE
Vert
Vert
.3v/sp 33Er 333
.8v/sp 384r 27
.5v/sp 283r 58
.5v/sp 13Er 156
TEH-
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
Vpp MxRVmxGAn180
26.40v 11d 67%
28.99v 12d
19.98v 11d 28%
6.75v 15d
TEH + 0.07
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
4-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen

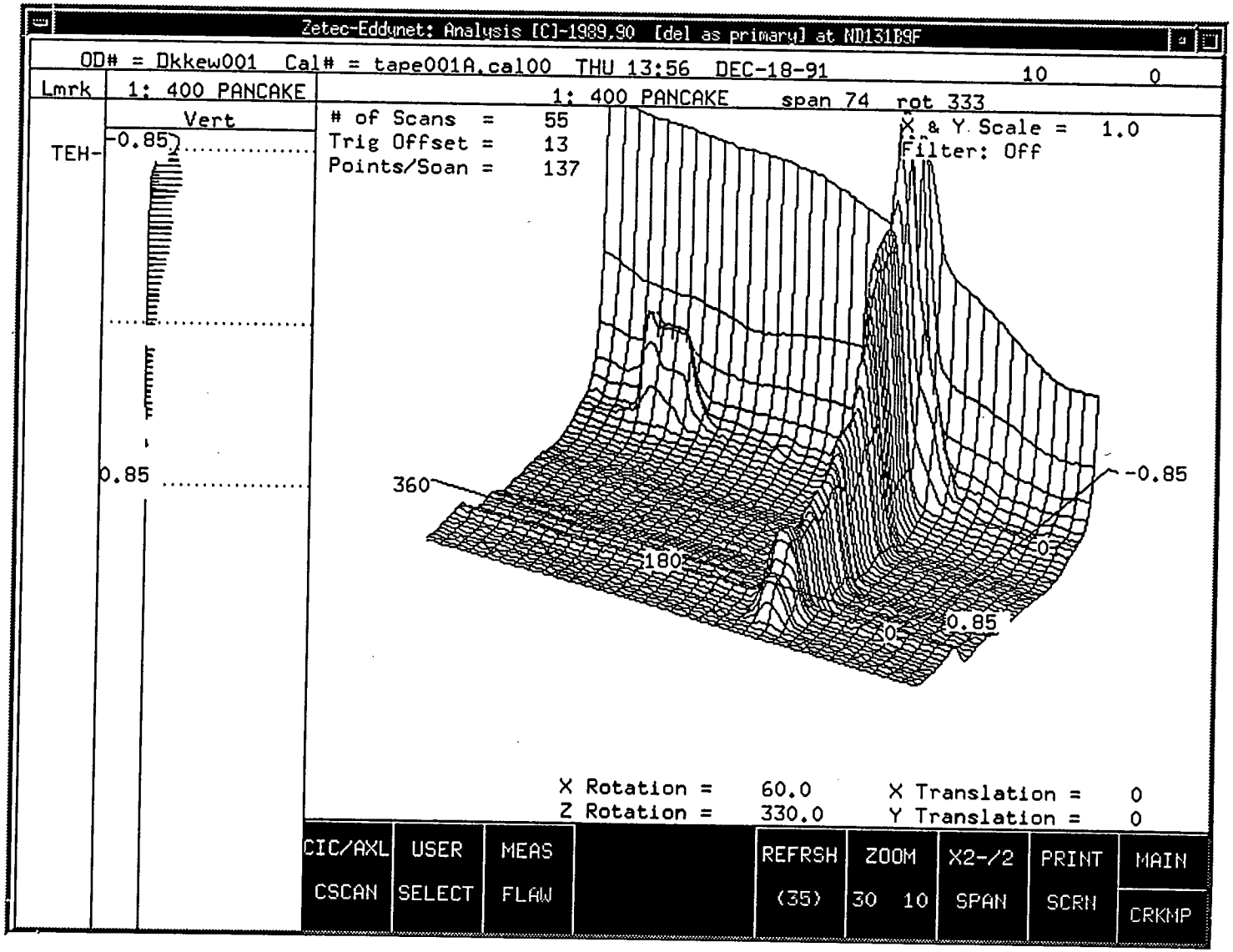

Zetec-Eddynet: Analysis [C]-1369.90 [del as primary] at ND131F9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
Landmarks
Vert
rot 1
Next-Last Tube
Refresh (37)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (37)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

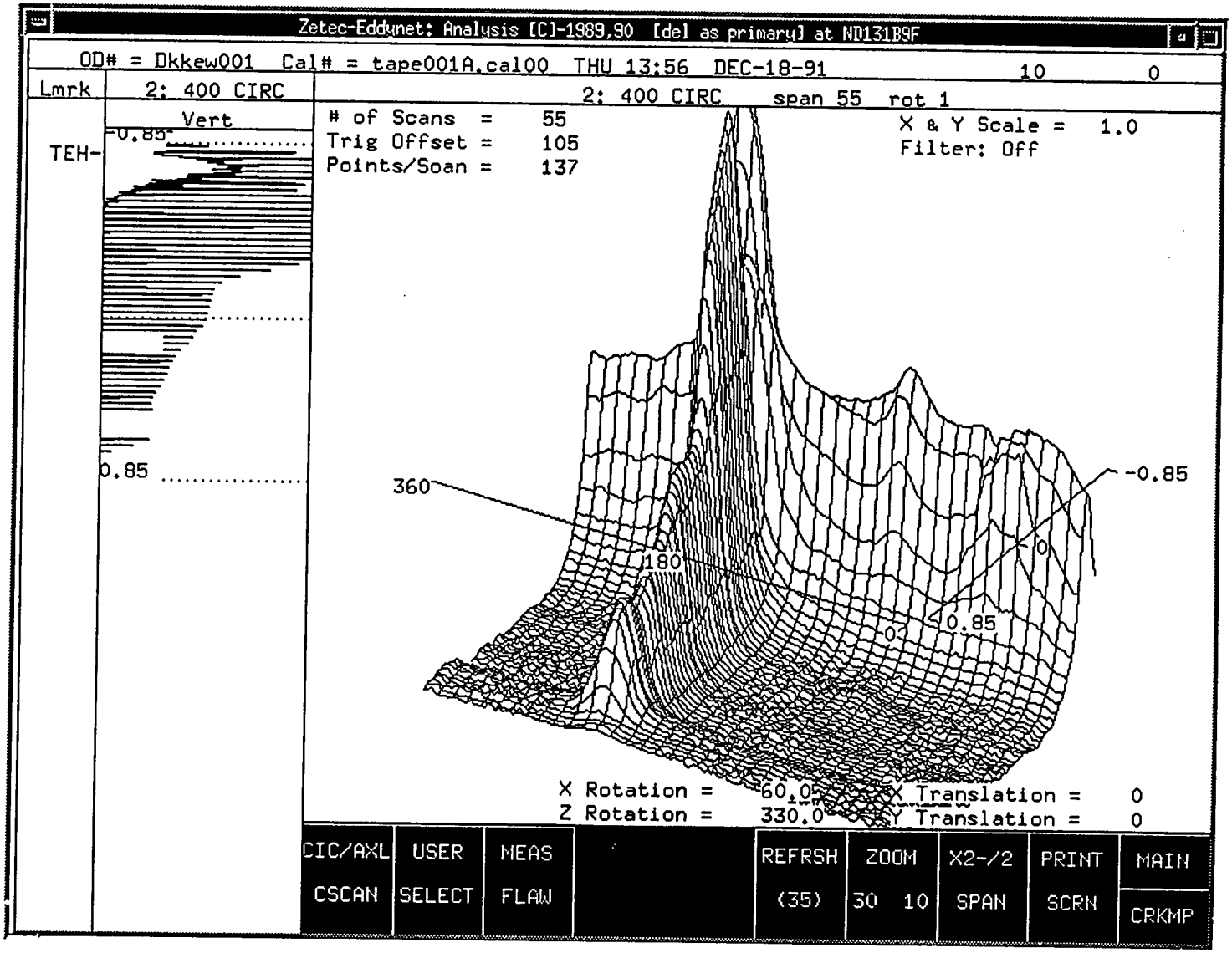


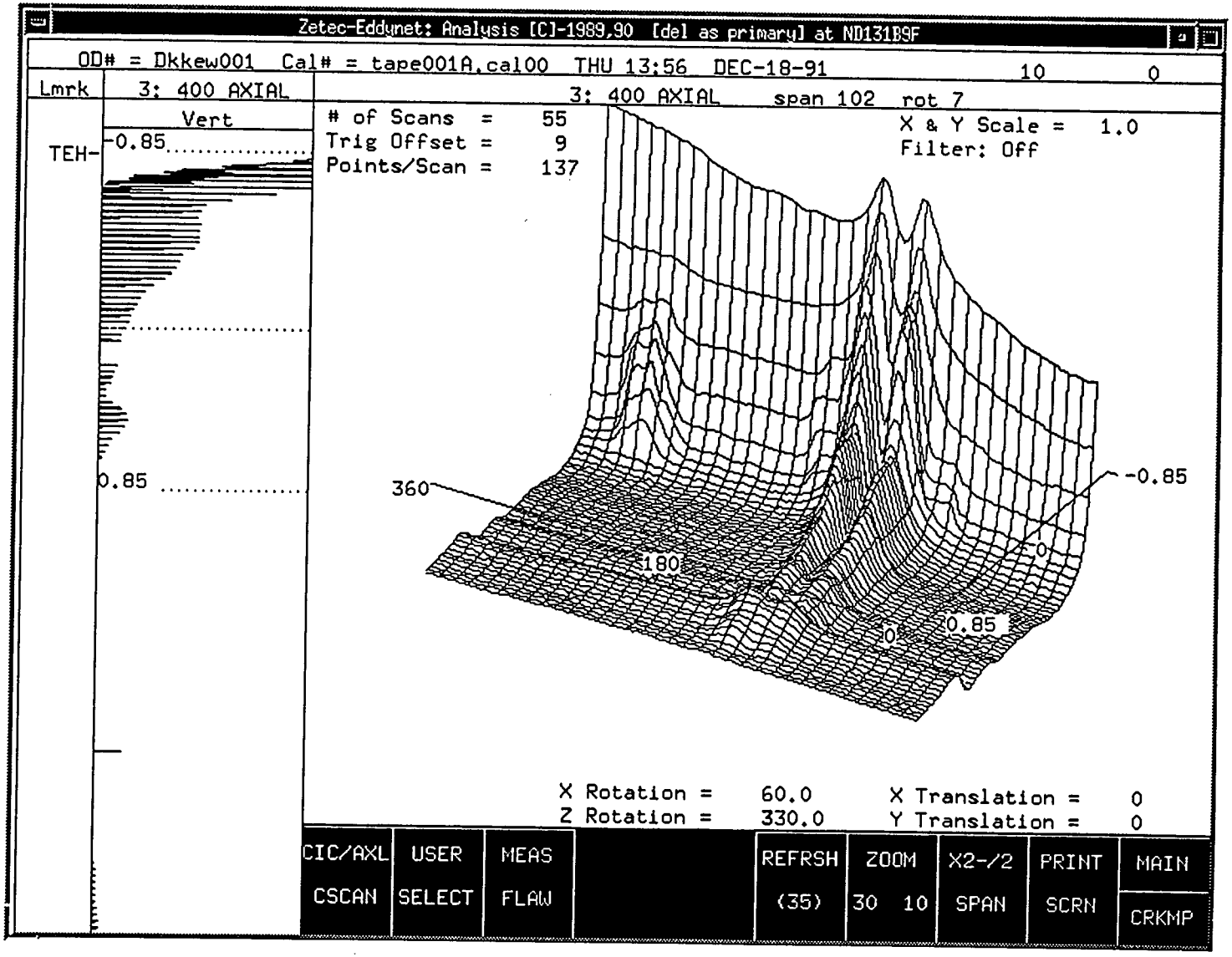
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
Landmarks
0 CIRC
Vert
rot 1
TEH-
Vpp
MxR
Vmx
GAn
20 8 vol s
EH
10
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (37)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN CRKMP
Next-Last Tube
Refresh (35)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
10
0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
5.09 v/d span 205 rot 7
TEH-
Vpp MxR Vmx GAn 180
19.30 volts 35 deg
TEH + 0.18
Next-Last Tube
Refresh (35)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Func
Process Channels
System Functions
Print-FF Screen


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at WD131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91 10 0
Landmarks
3: 400 AXIA
Vert
9: 200 AXIA
Vert
3: 400 AXIAL
5.09 v/d span 205 rot 7
TEH-
Vpp MxR Vmx GAn 180
17.53 volts 13 deg
TEH + 0.20
Next-Last Tube
Refresh (35)
Zoom 30 10
X2-/2 Liz Chan
Next-Last Channel
RPC/ CrackMap
1-LISS
Data-Dir/ File-Funo
Process Channels
System Functions
Print-FF Screen


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131BSF
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
10
0
Lmrk
1: 400 PANCAKE
Vert
TEH-
-0.85
0.85
1: 400 PANCAKE span 74 rot 333
# of Scans = 55
Trig Offset = 13
Points/Soan = 137
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.85
0.85
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(35)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91 10 0
Lmrk 2: 400 CIRC
2: 400 CIRC span 55 rot 1
Vert
0.85
TEH-
0.85
# of Scans = 55
Trig Offset = 105
Points/Soan = 137
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.85
0.85
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL
CSCAN
USER
SELECT
MEAS
FLAW
REFRSH
(35)
ZOOM
30 10
X2-/2
SPAN
PRINT
SCRN
MAIN
CRKMP


Zetec-Eddynet: Analysis [C]-1989,90 [del as primary] at ND131B9F
OD# = Dkkew001 Cal# = tape001A.cal00 THU 13:56 DEC-18-91
10
0
Lmrk
3: 400 AXIAL
Vert
TEH-
0.85
0.85
3: 400 AXIAL span 102 rot 7
# of Scans = 55
Trig Offset = 9
Points/Scan = 137
X & Y Scale = 1.0
Filter: Off
360
180
0
-0.85
0.85
X Rotation = 60.0
Z Rotation = 330.0
X Translation = 0
Y Translation = 0
CIC/AXL CSCAN
USER SELECT
MEAS FLAW
REFRSH (35)
ZOOM 30 10
X2-/2 SPAN
PRINT SCRN
MAIN
CRKMP

ATTACHMENT 3

LIQUID PENETRANT TEST REPORTS

COMBUSTION ENGINEERING

Plant/Unit Windsor
Comp/System Sleeving
Zone NA
Contract No. NA

PT No. 91-10
Procedure No. OP-9.4
Rev. No. 11
ST. No. NA Rev. NA

LIQUID PENETRANT EXAMINATION

	Brand Name	Type	Batch No.	Dwell Time
CLEANER:	Magnaflux	SKC-NF	90F01K	7 min
PENETRANT:	Magnaflux	SKL-HF/S	87K018	10 min
REMOVER:	Magnaflux	SKC-NF	90F01K	10 min
DEVELOPER:	Magnaflux	SKD-NF	89C02K	7 min

Instructions: Completely describe ALL Indications.
If in the "as-welded" condition - so state.
If no indications were found - so state.

EXAMINATION WELD/AREA	DESCRIPTION/REMARKS	ACCEPT	REJECT
K-3	NO INDICATIONS	X	NA
K-4		X	NA
K-9		X	NA
K-6		X	NA
K-7		X	NA

Component Temperature 84°F

Photograph: None ✓ Attached NA
Sketch: None ✓ Attached NA

EXAMINER P.K. Lang LEVEL III DATE 12-20-91
EXAMINER _____ LEVEL _____ DATE _____
REVIEWER _____ LEVEL _____ DATE _____
Authorized Inspection Agency _____ DATE _____

Page 1 of 1

C-E 0013101 (Rev. 4/86)

COMBUSTION ENGINEERING

Plant/Unit WINDSOR
Comp/System Sleeving
Zone NA
Contract No. NA

PT No. 91-11
Procedure No. OP-9.7
Rev. No. 11
ST. No. NA Rev. NA

LIQUID PENETRANT EXAMINATION

	Brand Name	Type	Batch No.	Dwell Time
CLEANER:	Magnaflux	SKC-NF	90F01K	7 min
PENETRANT:	Magnaflux	SKL-HF/S	87K018	10 min
REMOVER:	Magnaflux	SKC-NF	90F01K	10 min
DEVELOPER:	Magnaflux	SKD-NF	90E03K	7 min

Instructions: Completely describe ALL Indications.
If in the "as-welded" condition - so state.
If no indications were found - so state.

EXAMINATION WELD/AREA	DESCRIPTION/REMARKS	ACCEPT	REJECT
K-6	NO INDICATIONS	X	NA
K-9		X	NA
K-7		X	NA

Component Temperature 71°F

Photograph: None ✓ Attached NA
Sketch: None ✓ Attached NA

EXAMINER P.K. Levy LEVEL III DATE 12-20-91
EXAMINER _____ LEVEL _____ DATE _____
REVIEWER _____ LEVEL _____ DATE _____
Authorized Inspection Agency _____ DATE _____