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KANSAS CORPORATION COMMISSION

FORM MUST BE TYPED

SIDE ONE

OCT 15 1996

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 007-22504 0000

County BARBER

CONSERVATION DIVISION
WICHITA, KS

___ - NW - NW - NE Sec. 05 Twp. 34W Rge. 13W E/W

330' FNL Feet from S/N (circle one) Line of Section

2310' FEL Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name HENDRIX C Well # 4

Field Name AETNA

Producing Formation MISSISSIPPIAN

Elevation: Ground 1893' KB 1906'

Total Depth 5540' PBTD 5431'

Amount of Surface Pipe Set and Cemented at 210' Feet

Multiple Stage Cementing Collar Used? ___ Yes XX No

If yes, show depth set DV TOOL @ 4432' Feet

If Alternate II completion, cement circulated from ___

feet depth to ___ w/ ___ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 11-1-96
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 1785 bbls

Dewatering method used HAUL OFF FLUIDS, ALLOW PITS TO EVAPORATE

Location of fluid disposal if hauled offsite:

Operator Name MOLZ OIL COMPANY

Lease Name MOLZ SWD License No. 6006

___ Quarter Sec. 29 Twp. 32 S Rng. 10 E/W

County BARBER Docket No. CD 11804

Operator: License # 5506

Name: WOOLSEY PETROLEUM CORPORATION

Address: 107 NORTH MARKET
SUITE 600

ORIGINAL

City/State/Zip: WICHITA, KANSAS 67202-1807

Purchaser: WESTAR / TEXACO TRADING & TRANSPORTATION, INC.

Operator Contact Person: DEBRA K. CLINGAN

Phone: (316) 267-4379

Contractor: Name: DUKE DRILLING CO., INC.

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License: 5929

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Wellsite Geologist: MIKEAL K. MAUNE

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Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
X Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

NOV

Operator: N/A

OCT 1

Well Name: ___

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Comp. Date: ___ Old Total Depth: ___

___ Deepening ___ Re-perf. ___ Conv. to Inj/SWD
___ Plug Back ___ PBTD
___ Commingled Docket No. ___
___ Dual Completion Docket No. ___
___ Other (SWD or Inj?) Docket No. ___

06/13/1996	06/28/1996	07/26/1996
Spud Date	Date Reached TD	Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Mark P. Stevenson

Title: MARK P. STEVENSON, V.P. OPERATIONS Date: 10/11/1996

Subscribed and sworn to before me this 11TH day of OCTOBER, 19 96.

Notary Public Debra K. Clingan
DEBRA K. CLINGAN

Date Commission Expires: MARCH 4, 1998

DEBRA K. CLINGAN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-4-98

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ✓ Geologist Report Received

Distribution
✓ KCC ___ SWD/Rep ___ NGPA
___ KGS ___ Plug ___ Other (Specify)

Form ACO-1 (7-91)

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SIDE TWO

Operator Name: WOOLSEY PETROLEUM CORPORATION Lease Name HENDRIX C Well # 4

Sec. 05 Twp. 34S Rge. 13W ☐ East ☑ West County BARBER

ORIGINAL

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.) ☑ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run (Submit Copy.) ☐ Yes ☐ No

List All E.Logs Run: ARRAY SONIC GAMMA RAY
DUAL INDUCTION - SFL GAMMA RAY
COMPENSATED NEUTRON LITHO-DENSITY GAMMA RAY
NATURAL GAMMA RAY SPECTROMETRY
TRACERSCAN ANALYSIS
CEMENT BOND LOG

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☑ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
KRIDER	2332	(- 426)
HEEBNER	4142	(-2236)
LANSING G	4602	(-2696)
SWOPE	4719	(-2813)
MISSISSIPPIAN C	4872	(-2966)
KINDERHOOK	5128	(-3222)
VIOLA	5222	(-3316)
ARBUCKLE	5474	(-3568)
RTD	5540	(-3634)

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CONSERVATION DIVISION
WICHITA, KS

CASING RECORD ☑ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
CONDUCTOR	17-1/2"	13-3/8"	54#	86'	CLASS A	90	3% CC, 2% GEL
SURFACE	12-1/4"	8-5/8"	25#	210'	60/40 POZMIX	140	3% CC, 2% GEL
PRODUCTION	7-7/8"	4-1/2"	10.5#	5512'	MID-CON II	375	3% $CaCl_2$ FLOCELE

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ Plug Off Zone					

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4970'-4986' & 4878'-4914' (MISSISSIPPIAN)	4000 GAL DSFE ACID	SAME
		20,000# 100 MESH & 205,000# 12-20 SAND	SAME

TUBING RECORD Size 2-3/8" Set At 4861' Packer At NONE Liner Run ☐ Yes ☑ No

Date of First, Resumed Production, SWD or Inj. 08/12/1996 Producing Method ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		-0-		300		20	N/A	

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled 4878'-4914' 4970'-4986'

☐ Other (Specify) _____

WOOLSEY PETROLEUM CORPORATION
107 North Market • Suite 600 • Wichita, Kansas 67202-1807
Phone: (316) 267-4379 • FAX: (316) 267-4383

ORIGINAL

HENDRIX C-4
NW NW NE Section 5-34S-13W
Survey: 330' FNL 2310' FEL
Barber County, Kansas

CONFIDENTIAL

API# 15-007-22504 0000
Elev: G.L. 1893'
K.B. 1906'
Spud: 06/13/96

DRILL STEM TEST RESULTS

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WICHITA, KS

DST #1 3120'- 3210' (Indian Cave) 30-30-60-180
1st op: Strong blow, off btm of bucket in 1 min
2nd op: Fair blow, off btm of bucket in 2 min
Rec: 2420' SW (res .062 @ 85° F). Chls: 110,000 (mud sys 11,000)

Field calcs:				Office calcs:			
IHP:	1574	FHP:	1536	*IHP:*	*1558*	*FHP:*	*1520*
IFP:	416-442	FFP:	727-1020	*IFP:*	*412-433*	*FFP:*	*734-1030*
ISIP:	1172	FSIP:	1209	*ISIP:*	*1175*	*FSIP:*	*1206*
BHT:	103° F						

DST #2 3923'- 3960' (Elgin sand) 30-60-30-120
1st op: Weak blow to 1/2"
2nd op: No blow
Rec: 35' hvy mud. Chls: 14,000 (mud sys 4,000)

Field calcs:				Office calcs:			
IHP:	1905	FHP:	1876	*IHP:*	*1896*	*FHP:*	*1865*
IFP:	85-105	FFP:	73-80	*IFP:*	*76-76*	*FFP:*	*57-65*
ISIP:	1409	FSIP:	1409	*ISIP:*	*1387*	*FSIP:*	*1393*
BHT:	108° F						

DST #3 3923'- 3970' (Elgin sand) 30-60-60-240
1st op: Strong blow off btm of bucket in 2½ min
2nd op: Strong blow off btm of bucket in 4½ min
Rec: 185' MW (80% W, chls 42,000) + 1735' sli GCSW (chls 79,000)

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Field calcs:				Office calcs (Alpin):			
IHP:	1898	FHP:	1832	*IHP:*	*1842*	*FHP:*	*1820*
IFP:	141-519	FFP:	557-947	*IFP:*	*123-505*	*FFP:*	*526-943*
ISIP:	1404	FSIP:	1410	*ISIP:*	*1388*	*FSIP:*	*1399*
BHT:	119° F						

DST #4 4138'- 4175' (Snyderville) 30-60-104-330
1st op: Strong blow off btm of bucket, no GTS, bled off, then 3" blow
2nd op: Off btm of bucket immediately, GTS 33 min into 2nd open
Rec: GTS 63 in min + 25' M + show condensate (gauge 29 MCFGPD on 1/4" choke)

Field calcs:				Office calcs (Alpin):			
IHP:	2052	FHP:	2012	*IHP:*	*2035*	*FHP:*	*1988*
IFP:	25-28	FFP:	34-46	*IFP:*	*22-27*	*FFP:*	*25-41*
ISIP:	577	FSIP:	1412	*ISIP:*	*583*	*FSIP:*	*1391*
BHT:	116° F						

DST #5 4216'- 4232' (Douglas) 30-60-60-240
1st op: Fair to strong blow surging off btm of bucket in 12 min
2nd op: Strong blow off btm of bucket immediately
Rec: 290' GIP + 20' mud

Field calcs:				Office calcs (Alpin):			
IHP:	2139	FHP:	2052	*IHP:*	*2099*	*FHP:*	*2008*
IFP:	85-34	FFP:	37-50	*IFP:*	*57-26*	*FFP:*	*30-35*
ISIP:	417	FSIP:	1213 (bldg)	*ISIP:*	*411*	*FSIP:*	*1199*
BHT:	117° F						

Remarks: Partial chart shows plugging on 1st open, slide tool 9' to btm. OK on 2nd open.

Supplement to ACO-1

WOOLSEY PETROLEUM CORPORATION
107 North Market • Suite 600 • Wichita, Kansas 67202-1807
Phone: (316) 267-4379 • FAX: (316) 267-4383

ORIGINAL

HENDRIX C-4
NW NW NE Section 5-34S-13W
Survey: 330' FNL 2310' FEL
Barber County, Kansas

CONFIDENTIAL

API# 15-007-22504 0000
Elev: G.L. 1893'
K.B. 1906'
Spud: 06/13/96

DRILL STEM TEST RESULTS

DST 6# 4328'- 4350' (Lansing A) 30-60-60-240
1st op: Off btm of bucket in 1/2 min, GTS in 27 min
2nd op: GTS immediately (gauge 45 to 22 MCFGPD, stabilized rate 21 to 22 MCFGPD on 1/2" choke)
Rec: 70' hvy mud

Field calcs:				Office calcs (Alpin):			
IHP:	2122	FHP:	2063	*IHP:*	*2134*	*FHP:*	*2063*
IFP:	25-28	FFP:	28-30	*IFP:*	*21-35*	*FFP:*	*32-46*
ISIP:	1334	FSIP:	1362	*ISIP:*	*1346*	*FSIP:*	*1385*
BHT:	116° F						

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DST #7 4854'- 4920' (Mississippian C) 30-60-60-250
1st op: Weak to fair blow, 8"
2nd op: Weak to fair blow, 10"
Rec: 80' GIP + 40' mud

Field calcs:				Office calcs (Alpin):			
IHP:	2360	FHP:	2287	*IHP:*	*2427*	*FHP:*	*2308*
IFP:	34-37	FFP:	39-39	*IFP:*	*34-39*	*FFP:*	*38-44*
ISIP:	281 (bldg)	FSIP:	751 (bldg)	*ISIP:*	*272*	*FSIP:*	*753*
BHT:	124° F						

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DST #8 4968'- 5000' (Mississippian B) 30-60-60-240
1st op: Weak blow, 1"
2nd op: Weak blow, 3½"
Rec: Possible GIP + 10' mud

Field calcs:				Office calcs:			
IHP:	2415	FHP:	2384	*IHP:*	*2391*	*FHP:*	*2381*
IFP:	26-28	FFP:	28-28	*IFP:*	*12-22*	*FFP:*	*21-25*
ISIP:	119 (bldg)	FSIP:	477 (slightly bldg)	*ISIP:*	*121*	*FSIP:*	*482*
BHT:	125° F						

DST #9 5324'- 5381' (Simpson sand) 30-60-30-120
1st op: Weak blow decr to surface blow
2nd op: No blow
Rec: 15' hvy clabbered mud

Field calcs:				Office calcs:			
IHP:	2580	FHP:	2536	*IHP:*	*2593*	*FHP:*	*2493*
IFP:	53-57	FFP:	50-57	*IFP:*	*30-45*	*FFP:*	*44-45*
ISIP:	1883	FSIP:	1881	*ISIP:*	*1901*	*FSIP:*	*1900*
BHT:	127° F						

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CONSERVATION DIVISION
WICHITA, KS

Supplement to ACO-1

CONFIDENTIAL ORIGINAL

OCT-14-96 MON 11:09 AM

ALLIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Med. Lodge

DATE 6-13-96	SEC. 5	TWP. 34S	RANGE 13W	CALLED OUT 1:15 PM	ON LOCATION 2:00 PM	JOB START 5:55 PM	JOB FINISH 6:15 PM
LEASE Hendrix	WELL # C-4	LOCATION Kiowa/Chapel W. to D.E, 1N, 1W				COUNTY Barber	STATE Kansas

OLD OR NEW (Circle one)

CONTRACTOR Duke Drlg #7
TYPE OF JOB Conductor
HOLE SIZE 17½" T.D. 90'
CASING SIZE 13⅜" 40# DEPTH 86.04'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 10'
PERFS.

OWNER Woolsey Petroleum Corp

CEMENT

AMOUNT ORDERED 90 sx Class A + 3% Cacl2 + 2% Gel

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EQUIPMENT

PUMP TRUCK CEMENTER Kevin Buckmaster
HELPER Tim Jenkins
BULK TRUCK
301 DRIVER Jim Williams
BULK TRUCK
DRIVER

COMMON	90	@ 6.10	549.00
POZMIX		@	
GEL	2	@ 9.50	19.00
CHLORIDE	3	@ 28.00	84.00
		@	
		@	
		@	
		@	
HANDLING	90	@ 1.05	94.50
MILEAGE	90 Minimum		80.00

TOTAL $826.50

OCT 1 1

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REMARKS:

Run 13⅜" to Bottom & Break Circulation — Mix 90 sx A 3% Displace to 76' with 12 Bbls. Fresh H2O

Cement Did Circulate

SERVICE

DEPTH OF JOB	86'		
PUMP TRUCK CHARGE	0-300'		445.00
EXTRA FOOTAGE		@	
MILEAGE	18	@ 2.85	51.30
PLUG		@	
		@	
		@	

TOTAL $496.30

CHARGE TO: Woolsey Petroleum Corp
STREET P.O. Box 168
CITY Med. Lodge STATE Kansas ZIP 67104

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

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OCT 15 1996
CONSERVATION DIVISION
WICHITA, KS

TOTAL

TAX

TOTAL CHARGE $1322.80

DISCOUNT $198.42 IF PAID IN 30 DAYS

NET $1124.38

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

0004

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Med Lodge, KS

DATE 6-14-96	SEC. 5	TWP. 34S	RANGE 13W	CALLED OUT 12:45 PM	ON LOCATION 2:00 PM	JOB START 3:40 PM	JOB FINISH 4:00 PM
LEASE HENDRIX	WELL # C-4	LOCATION UNION CHAPEL, W TO DE, 1/2S, 1/2E				COUNTY BARBER	STATE KANSAS

OLD OR (NEW) (Circle one)

CONTRACTOR Duke Drlg. #7
TYPE OF JOB Surface
HOLE SIZE 12¼" - 7⅞" T.D. 215' - 4095'
CASING SIZE 8⅝" DEPTH 213'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX 250# MINIMUM 50#
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 13'
PERFS.

OWNER Woolsey Petroleum Corp

CEMENT

AMOUNT ORDERED 140 sx 60:40:2 + 3% Calc

EQUIPMENT

PUMP TRUCK CEMENTER K. Brinkhoff
#266 HELPER N. Rupp
BULK TRUCK
#259 DRIVER T. Kelley
BULK TRUCK
DRIVER

COMMON	84	@ 6.10	512.40
POZMIX	56	@ 3.15	176.40
GEL	3	@ 9.50	28.50
CHLORIDE	5	@ 28.00	140.00
		@	
		@	
		@	
		@	
		@	
HANDLING	140	@ 1.05	147.00
MILEAGE	140 X 18	.04	100.80

TOTAL $1105.10

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REMARKS:

Run 8⅝" to 213' + Break Circulation, Mix 140 sx 60:40:2 + 3% Calc, Displace Plug to Bottom with 6.3 bbl Fresh H2O. Cement Did Circulate.

SERVICE

DEPTH OF JOB	213'		
PUMP TRUCK CHARGE	0-300'		445.00
EXTRA FOOTAGE		@	
MILEAGE	18	@ 2.25	N/C
PLUG 8⅝" TWP		@ 45.00	45.00
		@	
		@	

TOTAL $490.00

CHARGE TO: Woolsey Petroleum Corp
STREET P.O. Box 168
CITY Med Lodge STATE Kansas ZIP 67104

FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	

TOTAL

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OCT 15 1996

CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

TOTAL CHARGE $ 1595.10
DISCOUNT $ 239.26 IF PAID IN 30 DAYS
NET $ 1355.84

ORIGINAL

ALLIED CEMENTING CO., INC.

3965

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

SERVICE POINT: Medicine Lodge

DATE 6-14-96	SEC. 5	TWP. 34	RANGE W 13	CALLED OUT 8:00	ON LOCATION 9:30	JOB START 10:15	JOB FINISH 11:00
LEASE Hendricks	WELL # C-4	LOCATION Wilmore Chapel W TO DE - 1½s, 1½e				COUNTY Barber	STATE Kansas

OLD OR NEW (Circle one)

CONTRACTOR Duke Drlg. Rig #7
TYPE OF JOB Top off
HOLE SIZE T.D.
CASING SIZE 8 5/8 X 13 7/8 DEPTH 35'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.

OWNER Woolsey Pet. Corp

CEMENT

AMOUNT ORDERED 50 sk Class A 3% CaCl²

USED: 25 sk Class A 3% CaCl²

COMMON	25	@ 6.10	152.50
POZMIX		@	
GEL		@	
CHLORIDE	1	@ 28.00	28.00
		@	
		@	
		@	
		@	
		@	
HANDLING	50	@ 1.05	52.50
MILEAGE	50 Minimum		80.00

TOTAL $313.00

EQUIPMENT

PUMP TRUCK # 266 CEMENTER Neal Rupp
HELPER Carl Balding
BULK TRUCK # 301 DRIVER John Kelley
BULK TRUCK # DRIVER

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REMARKS:

Run line Cement Top @ 33' from Surface Mix and Pump 25 sx Class A 3% CaCl² - Cement to Surface - Shut Down - Wait 30 min Cement Did Not Fall - Job Complete

SERVICE

DEPTH OF JOB	35'		
PUMP TRUCK CHARGE	0-300'		445.00
EXTRA FOOTAGE		@	
MILEAGE	18	@ 2.85	51.30
PLUG		@	
		@	
		@	

TOTAL $496.30

CHARGE TO: Woolsey Petroleum Corp.
STREET P.O. Box 168
CITY Med. Lodge STATE Kansas ZIP 67104

FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	

TOTAL

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JAN 29 1999

FROM CONFIDENTIAL

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KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Edward L. Dodge

TAX

TOTAL CHARGE $809.30

DISCOUNT $121.39 IF PAID IN 30 DAYS

NET $687.91

INVOICE

JUL 08 RECD
JUL 09 1996

HALLIBURTON

CONFIDENTIAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
968457	06/29/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
HENDRIX "C" 4	BARBER	KS	SAME

SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	DUKE DRILLING #7	CEMENT PRODUCTION CASING	06/29/1996

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
986665	CARL W DURR			COMPANY TRUCK	10157

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION
OCT 15 1996
CONSERVATION DIVISION
WICHITA, KS

WOOLSEY PETROLEUM CORP
BOX 168
MEDICINE LODGE, KS 67104

DIRECT CORRESPONDENCE TO:
P O BOX 428
HAYS KS 67601
913-625-3431

KCC
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REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	100	MI	2.85	285.00
		1	UNT		
007-013	MULT STAGE CEMENTING-1ST STAGE	5512	FT	2,000.00	2,000.00
001-016		1	UNT		
007-161	MULT STAGE CEMENTING-ADD STAGE	1	STG	1,400.00	1,400.00
		1	UNT		
018-317	SUPER FLUSH	24	SK	100.00	2,400.00
018-303	CLAYFIX II, PER GAL	4	GAL	28.00	112.00
26	INSERT VALVE F. S.- 4 1/2"	1	EA	285.00	285.00
847.6316					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	47.00	47.00
815.19113					
40	CENTRALIZER 4-1/2 X 7-7/8	13	EA	50.00	650.00
806.60004					
56	WIPER-RECIPROCATING WALL CLEAN	28	EA	18.00	504.00
806.71220					
71	CEMENTER-TYPE P ES-4-1/2 8RD	1	EA	2,787.00	2,787.00
813.56125					
75	PLUG SET - FREE FALL - 2-STAGE	1	EA	450.00	450.00
813.16410					
320	BASKET-CMT-4 1/2 CSG X 18"OD-	1	EA	97.00	97.00
806.71415					
504-280	MIDCON-2 STANDARD CEMENT	195	SK	12.76	2,488.20
508-291	GILSONITE BULK	975	LB	.40	390.00
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
507-210	FLOCELE	50	LB	1.65	82.50
504-280	MIDCON-2 STANDARD CEMENT	195	SK	12.76	2,488.20
508-291	GILSONITE BULK	975	LB	.40	390.00
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	36.75	147.00
507-210	FLOCELE	50	LB	1.65	82.50
500-207	BULK SERVICE CHARGE	472	CFT	1.35	637.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	1023.75	TMI	.95	972.56

RELEASED
JAN 29 1999
FROM CONFIDENTIAL

***** CONTINUED ON NEXT PAGE *****

OICE

HALLIBURTON

CONFIDENTIAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
968457	06/29/1996

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
HENDRIX "C" 4	BARBER	KS	SAME

SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	DUKE DRILLING #7	CEMENT PRODUCTION CASING	06/29/1996

ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
986665	CARL W DURR			COMPANY TRUCK	10157

ORIGINAL

DIRECT CORRESPONDENCE TO:

WOOLSEY PETROLEUM CORP
BOX 168
MEDICINE LODGE, KS 67104

P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
350 890.10802	HALLIBURTON WELD-A	1	EA	16.75	16.75 *
	INVOICE SUBTOTAL				18,858.91
	DISCOUNT-(BID)				6,390.61-
	INVOICE BID AMOUNT				12,468.30
	*-KANSAS STATE SALES TAX				422.71
	*-PRATT COUNTY SALES TAX				86.27

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 15 1996

CONSERVATION DIVISION
WICHITA, KS

OCT 11
CONFIDENTIAL

RELEASED

JAN 29 1999

FROM CONFIDENTIAL

WOOLSEY PETROLEUM CORP.
Approved
Date 7/2/90

INVOICE TOTAL - PLEASE PAY THIS AMOUNT ==========> $12,977.28

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer

CONFIDENTIAL

ORIGINAL

RELEASED

JAN 2 9 1999

FROM CONFIDENTIAL

WELL NAME: Hendrix "C" #4
COMPANY: Woolsey Petroleum Corp
LOCATION: 05-34S-13W
Barber County Kansas
DATE: 06/27/96

CONFIDENTIAL

15-007-22504

RECEIVED
OCT 1 1
CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp. DATE 6/17/96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 8982 DST #1
LOCATION : 5-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Indian Cave
INTERVAL : 3120.00 To 3210.00 ft TD 3210.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	11038	11038	5495		
SI 60	Range(Psi)	5075.0	5075.0	4200.0	0.0	0.0
SF 60	Clock(hrs)	AK-1	AK-1	AK-1		
FS 180	Depth(ft)	3124.0	3124.0	3207.0	0.0	0.0

TIME DATA----------
PF Fr. 1040 to 1110 hr
IS Fr. 1110 to 1210 hr
SF Fr. 1210 to 1310 hr
FS Fr. 1310 to 1610 hr

	Field	1	2	3	4
A. Init Hydro	1574.0	1558.0	0.0	0.0	0.0
B. First Flow	416.0	412.0	0.0	0.0	0.0
B1. Final Flow	442.0	433.0	0.0	0.0	0.0
C. In Shut-in	1172.0	1175.0	0.0	0.0	0.0
D. Init Flow	727.0	734.0	0.0	0.0	0.0
E. Final Flow	1020.0	1030.0	0.0	0.0	0.0
F. Fl Shut-in	1209.0	1206.0	0.0	0.0	0.0
G. Final Hydro	1536.0	1520.0	0.0	0.0	0.0
Inside/Outside	I	I	O		

T STARTED 0915 hr
T ON BOTM 1030 hr
T OPEN 1040 hr
T PULLED 1610 hr
T OUT 1810 hr

RECOVERY
Tot Fluid 2420.00 ft of 123.00 ft in DC and 2297.00 ft in DP
2420.00 ft of Salt water

RW .062 @ 85 F
SALINITY 110000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	0.00 lbs
Wt Set On Packer	25000.00 lbs
Wt Pulled Loose	90000.00 lbs
Initial Str Wt	50000.00 lbs
Unseated Str Wt	62000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.82 in
D.C. Length	123.00 ft
D.P. Length	2973.00 ft

BLOW DESCRIPTION
Initial Flow -
Strong Blow, bottom of bucket in
1 minute

Initial Shutin -
No blow back

Final Flow -
Fair Blow, bottom of bucket in
2 minutes

Final Shutin -
No blow back

SAMPLES:
SENT TO:

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	43.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	103.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Tom Horacek
Co. Rep.	Mike Maune
Contr.	Duke Drilling
Rig #	7
Unit #	
Pump T.	

Test Successful: Y

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp. DATE 6/19/96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 8975 DST #2
LOCATION : 5-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Elgin Sand
INTERVAL : 3923.00 To 3960.00 ft TD 3960.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	13788		
SI 60	Range(Psi)	4400.0	4400.0	4650.0	0.0	0.0
SF 30	Clock(hrs)	AK-1	AK-1	AK-1		
FS 120	Depth(ft)	3952.0	3952.0	3957.0	0.0	0.0

TIME DATA----------
PF Fr. 0201 to 0231 hr
IS Fr. 0231 to 0331 hr
SF Fr. 0331 to 0401 hr
FS Fr. 0401 to 0601 hr

	Field	1	2	3	4
A. Init Hydro	1905.0	1896.0	0.0	0.0	0.0
B. First Flow	85.0	76.0	0.0	0.0	0.0
B1. Final Flow	105.0	76.0	0.0	0.0	0.0
C. In Shut-in	1409.0	1387.0	0.0	0.0	0.0
D. Init Flow	73.0	57.0	0.0	0.0	0.0
E. Final Flow	80.0	65.0	0.0	0.0	0.0
F. Fl Shut-in	1409.0	1393.0	0.0	0.0	0.0
G. Final Hydro	1876.0	1865.0	0.0	0.0	0.0
Inside/Outside	I	I	O		

T STARTED 0025 hr
T ON BOTM 0155 hr
T OPEN 0201 hr
T PULLED 0603 hr
T OUT 0745 hr

RECOVERY
Tot Fluid 35.00 ft of 35.00 ft in DC and 0.00 ft in DP
35.00 ft of Heavy drilling mud
*Mud clabbered as if it had come in contact with salt.

RW .51 @ 68 F
SALINITY 14000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Weak blow (increased to .5")

Final Flow -
No blow

SAMPLES:
SENT TO:

Test Successful: Y

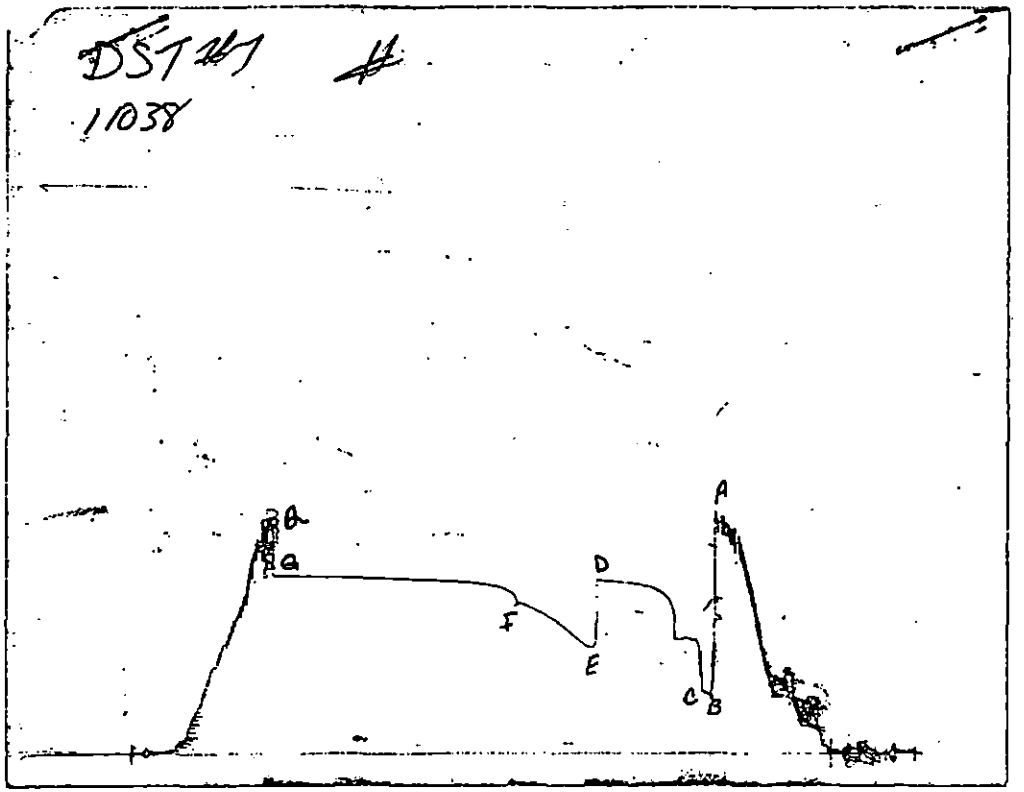
TOOL DATA----------

Tool Wt.	0.00 lbs
Wt Set On Packer	21000.00 lbs
Wt Pulled Loose	60000.00 lbs
Initial Str Wt	55000.00 lbs
Unseated Str Wt	55000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.82 in
D.C. Length	186.00 ft
D.P. Length	3718.00 ft

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/
Vis.	41.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	108.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drilling
Rig #	7
Unit #	
Pump T.	

CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-19-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9351 DST #3
LOCATION : 5-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Elgin Sand
INTERVAL : 3923.00 To 3970.00 ft TD 3970.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	30	Rec.	10248	10248	2351		
SI	60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	60	Clock(hrs)	AK-1	AK-1	Alpin		
FS	240	Depth(ft)	3967.0	3967.0	3938.0	0.0	0.0

TIME DATA----------
PF Fr. 1538 to 1608 hr
IS Fr. 1608 to 1708 hr
SF Fr. 1708 to 1808 hr
FS Fr. 1808 to 2208 hr

	Field	1	2	3	4
A. Init Hydro	1898.0	1901.0	1842.0	0.0	0.0
B. First Flow	141.0	153.0	123.0	0.0	0.0
Bl. Final Flow	519.0	522.0	505.0	0.0	0.0
C. In Shut-in	1404.0	1404.0	1388.0	0.0	0.0
D. Init Flow	557.0	567.0	526.0	0.0	0.0
E. Final Flow	947.0	958.0	943.0	0.0	0.0
F. Fl Shut-in	1410.0	1409.0	1399.0	0.0	0.0
G. Final Hydro	1832.0	1848.0	1820.0	0.0	0.0
Inside/Outside	O	O	I	T	

T STARTED 1407 hr
T ON BOTM 1535 hr
T OPEN 1538 hr
T PULLED 2208 hr
T OUT 0045 hr

RECOVERY
Tot Fluid 1920.00 ft of 155.00 ft in DC and 1765.00 ft in DP
185.00 ft of Muddy water - 20% mud, 80% water
1735.00 ft of Slightly gas cut salt water

12.00 ft of Pay (est)

SALINITY 79000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Strong blow, bottom of bucket in
2.5 minutes

Final Flow -
Strong blow, bottom of bucket in
4.5 minutes

SAMPLES: NONE
SENT TO:

Test Successful: Y

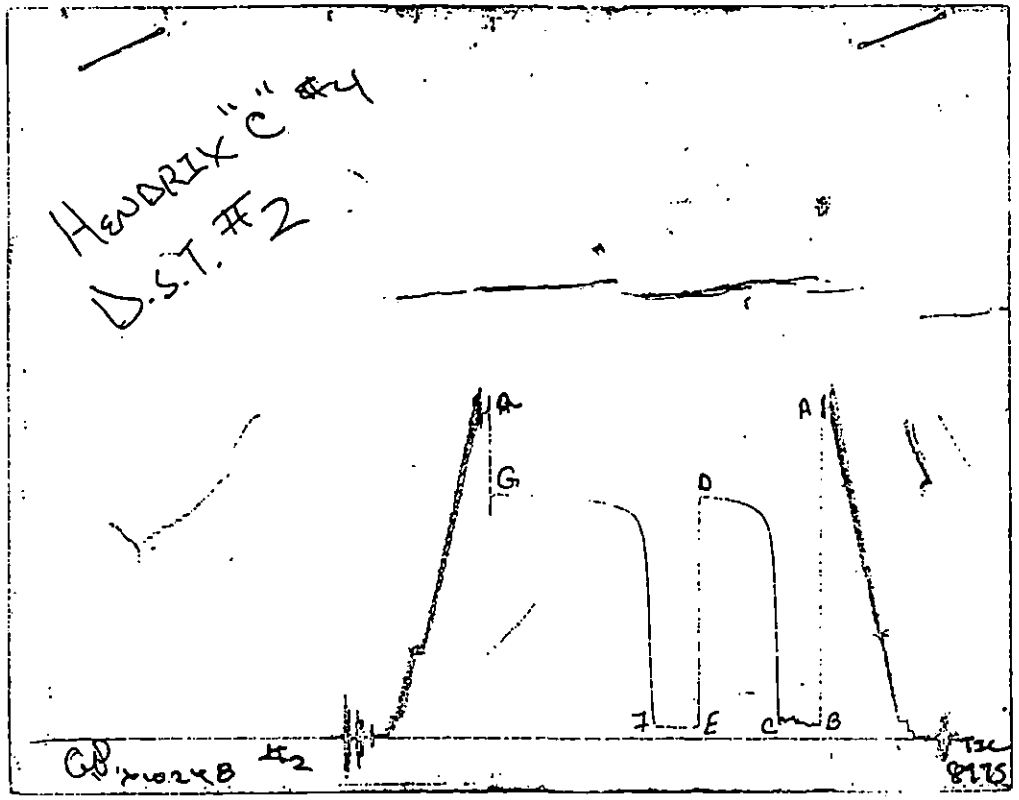
TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	68000.00 lbs
Initial Str Wt	56000.00 lbs
Unseated Str Wt	66000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	155.00 ft
D.P. Length	3749.00 ft

MUD DATA----------

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	47.00 S/L
W.L.	11.20 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drilling
Rig #	7
Unit #	
Pump T.	

CHART PAGE



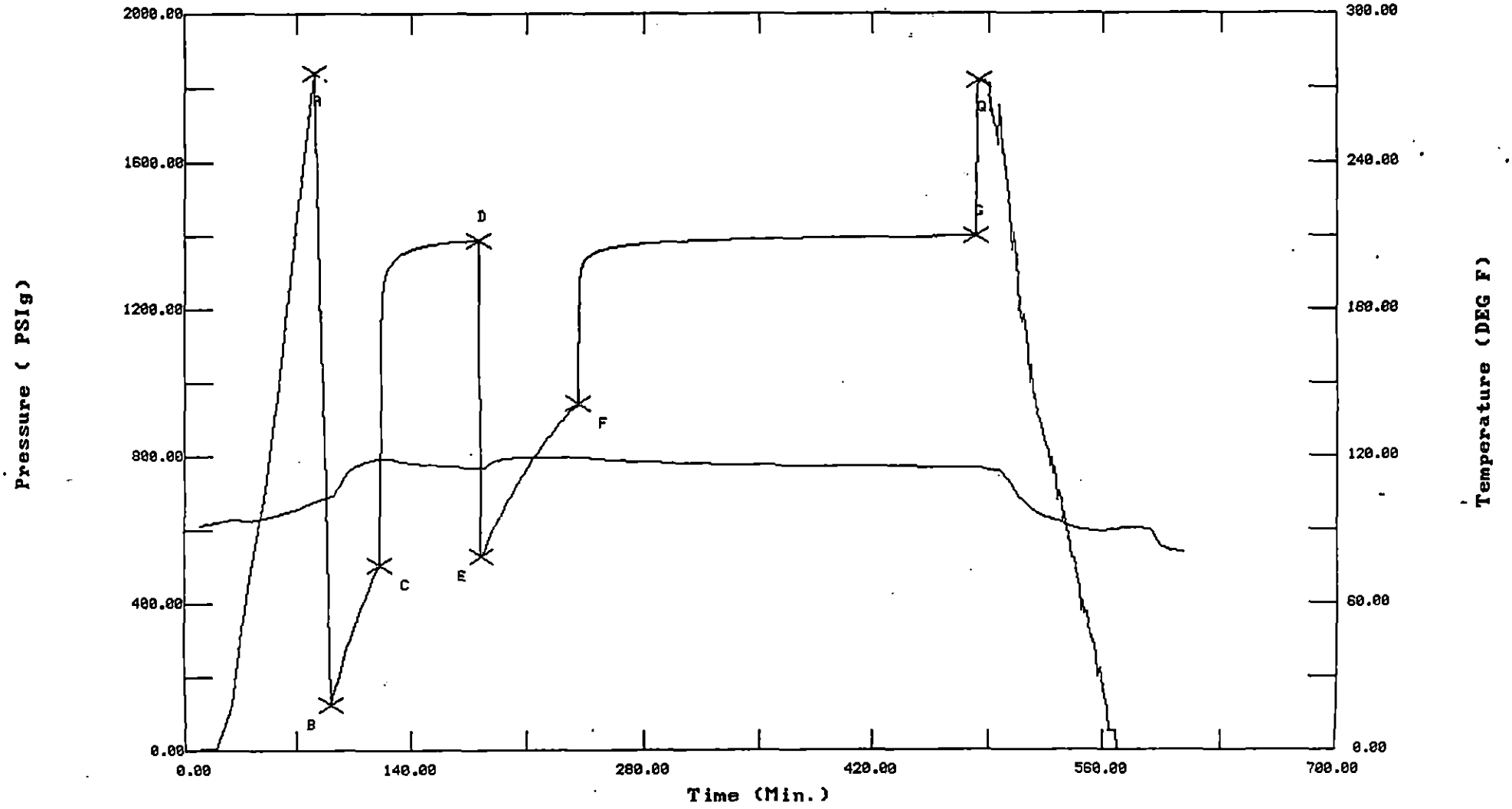
This is a photocopy of the actual AK-1 recorder chart

TEST HISTORY

9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	1842.38
B:	0.00	122.95
C:	29.00	504.57
D:	61.00	1388.49
E:	0.00	525.63
F:	58.00	942.50
G:	242.00	1398.95
Q:	0.00	1820.30



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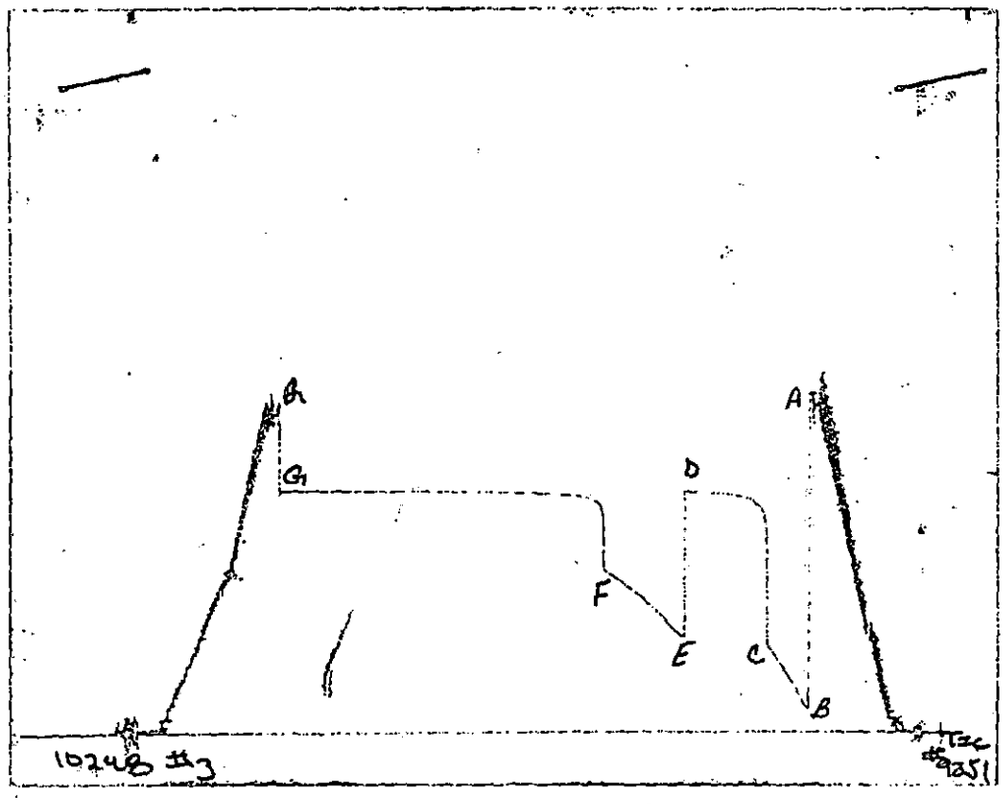


This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	80.00	1842.4	0.0	101.05		
***** Start Flow 1	0.00	122.9	0.0	103.43		
	1.00	145.0	22.1	103.64		
	2.00	158.2	35.2	104.51		
	3.00	173.6	50.6	105.84		
	4.00	190.8	67.8	107.24		
	5.00	206.3	83.3	108.54		
	6.00	221.9	99.0	109.68		
	7.00	237.4	114.5	110.70		
	8.00	252.5	129.6	111.61		
	9.00	267.1	144.2	112.42		
	10.00	277.3	154.3	113.14		
	11.00	291.1	168.2	113.79		
	12.00	305.1	182.1	114.39		
	13.00	318.5	195.6	114.93		
	14.00	331.8	208.8	115.42		
	15.00	344.8	221.8	115.86		
	16.00	357.8	234.8	116.24		
	17.00	370.0	247.1	116.59		
	18.00	382.3	259.3	116.89		
	19.00	394.4	271.4	117.17		
	20.00	406.2	283.3	117.40		
	21.00	417.6	294.7	117.62		
	22.00	429.1	306.2	117.80		
	23.00	440.5	317.6	117.96		
	24.00	451.7	328.7	118.10		
	25.00	462.6	339.7	118.22		
	26.00	473.2	350.2	118.33		
	27.00	483.8	360.9	118.43		
	28.00	494.4	371.5	118.52		
***** End Flow 1	29.00	504.6	381.6	118.60		
***** Start Shutin 1	0.00	504.6	0.0	118.60	0.0000	0.255
	1.00	1120.1	615.5	118.67	30.0000	1.255
	2.00	1231.0	726.5	118.75	15.5000	1.515
	3.00	1267.2	762.7	118.80	10.6667	1.606
	4.00	1288.2	783.6	118.82	8.2500	1.659
	5.00	1302.4	797.8	118.79	6.8000	1.696
	6.00	1313.0	808.4	118.72	5.8333	1.724
	7.00	1321.1	816.5	118.60	5.1429	1.745
	8.00	1327.8	823.2	118.45	4.6250	1.763
	9.00	1333.4	828.8	118.29	4.2222	1.778
	10.00	1338.0	833.4	118.11	3.9000	1.790
	11.00	1342.0	837.4	117.93	3.6364	1.801
	12.00	1345.5	841.0	117.76	3.4167	1.810
	13.00	1348.5	844.0	117.61	3.2308	1.819
	14.00	1351.3	846.7	117.48	3.0714	1.826
	15.00	1353.8	849.3	117.34	2.9333	1.833
	16.00	1356.0	851.4	117.24	2.8125	1.839
	17.00	1358.0	853.5	117.13	2.7059	1.844
	18.00	1360.0	855.5	117.04	2.6111	1.850
	19.00	1361.7	857.2	116.95	2.5263	1.854

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	1363.3	858.7	116.87	2.4500	1.859
	21.00	1364.7	860.2	116.80	2.3810	1.863
	22.00	1366.2	861.6	116.73	2.3182	1.866
	23.00	1367.5	862.9	116.66	2.2609	1.870
	24.00	1368.7	864.1	116.60	2.2083	1.873
	25.00	1369.8	865.2	116.52	2.1600	1.876
	26.00	1370.8	866.2	116.46	2.1154	1.879
	27.00	1371.8	867.2	116.41	2.0741	1.882
	28.00	1372.8	868.2	116.35	2.0357	1.885
	29.00	1373.6	869.1	116.29	2.0000	1.887
	30.00	1374.5	869.9	116.24	1.9667	1.889
	31.00	1375.3	870.8	116.19	1.9355	1.891
	32.00	1376.0	871.4	116.13	1.9062	1.893
	33.00	1376.8	872.3	116.08	1.8788	1.896
	34.00	1377.4	872.8	116.03	1.8529	1.897
	35.00	1378.1	873.5	115.98	1.8286	1.899
	36.00	1378.7	874.1	115.93	1.8056	1.901
	37.00	1379.3	874.7	115.89	1.7838	1.902
	38.00	1379.9	875.4	115.84	1.7632	1.904
	39.00	1380.4	875.9	115.80	1.7436	1.906
	40.00	1380.9	876.4	115.76	1.7250	1.907
	41.00	1381.5	877.0	115.71	1.7073	1.909
	42.00	1381.9	877.4	115.68	1.6905	1.910
	43.00	1382.5	877.9	115.64	1.6744	1.911
	44.00	1382.9	878.3	115.60	1.6591	1.912
	45.00	1383.3	878.7	115.55	1.6444	1.913
	46.00	1383.7	879.1	115.51	1.6304	1.915
	47.00	1384.1	879.6	115.48	1.6170	1.916
	48.00	1384.5	880.0	115.44	1.6042	1.917
	49.00	1384.8	880.2	115.39	1.5918	1.918
	50.00	1385.2	880.7	115.37	1.5800	1.919
	51.00	1385.6	881.1	115.33	1.5686	1.920
	52.00	1385.9	881.3	115.31	1.5577	1.921
	53.00	1386.2	881.7	115.27	1.5472	1.922
	54.00	1386.6	882.0	115.23	1.5370	1.923
	55.00	1386.8	882.2	115.20	1.5273	1.923
	56.00	1387.2	882.6	115.17	1.5179	1.924
	57.00	1387.4	882.8	115.15	1.5088	1.925
	58.00	1387.7	883.2	115.12	1.5000	1.926
	59.00	1388.0	883.4	115.09	1.4915	1.927
	60.00	1388.2	883.7	115.05	1.4833	1.927
****** End Shut-in 1	61.00	1388.5	883.9	115.03	1.4754	1.928
****** Start Flow 2	0.00	525.6	0.0	114.98		
	1.00	535.7	10.1	115.08		
	2.00	546.1	20.5	115.40		
	3.00	557.1	31.5	115.85		
	4.00	567.7	42.0	116.31		
	5.00	577.6	52.0	116.75		
	6.00	587.7	62.0	117.13		
	7.00	597.5	71.8	117.46		
	8.00	606.9	81.2	117.75		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	9.00	616.4	90.7	117.99		
	10.00	625.8	100.1	118.19		
	11.00	634.7	109.1	118.36		
	12.00	644.0	118.3	118.50		
	13.00	652.4	126.7	118.62		
	14.00	661.2	135.5	118.72		
	15.00	669.9	144.3	118.82		
	16.00	678.0	152.4	118.88		
	17.00	686.5	160.9	118.95		
	18.00	694.1	168.4	119.00		
	19.00	701.7	176.1	119.05		
	20.00	709.3	183.7	119.08		
	21.00	717.4	191.8	119.11		
	22.00	725.0	199.4	119.14		
	23.00	732.8	207.2	119.16		
	24.00	740.2	214.6	119.18		
	25.00	747.8	222.2	119.19		
	26.00	755.2	229.5	119.20		
	27.00	762.4	236.8	119.21		
	28.00	769.2	243.6	119.22		
	29.00	776.2	250.6	119.23		
	30.00	782.9	257.2	119.23		
	31.00	789.8	264.1	119.25		
	32.00	796.2	270.6	119.24		
	33.00	802.6	277.0	119.26		
	34.00	809.2	283.6	119.25		
	35.00	815.4	289.8	119.25		
	36.00	821.8	296.2	119.26		
	37.00	827.9	302.2	119.26		
	38.00	833.8	308.2	119.26		
	39.00	840.0	314.4	119.24		
	40.00	845.8	320.2	119.26		
	41.00	851.9	326.2	119.26		
	42.00	857.5	331.9	119.26		
	43.00	862.7	337.1	119.25		
	44.00	868.8	343.2	119.25		
	45.00	874.7	349.1	119.25		
	46.00	880.5	354.8	119.24		
	47.00	885.8	360.2	119.24		
	48.00	891.2	365.6	119.23		
	49.00	896.8	371.2	119.23		
	50.00	902.3	376.7	119.22		
	51.00	907.6	382.0	119.21		
	52.00	913.0	387.3	119.22		
	53.00	918.0	392.4	119.20		
	54.00	922.8	397.1	119.20		
	55.00	928.0	402.3	119.19		
	56.00	932.8	407.2	119.19		
	57.00	937.5	411.8	119.18		
***** End Flow 2	58.00	942.5	416.9	119.17		
***** Start Shutin 2	0.00	942.5	0.0	119.17	0.0000	0.888

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	1278.0	335.5	119.17	88.0000	1.633
2.00	1308.8	366.3	119.18	44.5000	1.713
3.00	1322.3	379.8	119.18	30.0000	1.748
4.00	1330.8	388.3	119.16	22.7500	1.771
5.00	1336.9	394.4	119.13	18.4000	1.787
6.00	1341.6	399.1	119.10	15.5000	1.800
7.00	1345.4	402.9	119.06	13.4286	1.810
8.00	1348.5	406.0	119.01	11.8750	1.819
9.00	1351.1	408.6	118.94	10.6667	1.826
10.00	1353.6	411.1	118.88	9.7000	1.832
11.00	1355.6	413.1	118.80	8.9091	1.838
12.00	1357.4	414.9	118.73	8.2500	1.842
13.00	1359.0	416.5	118.65	7.6923	1.847
14.00	1360.5	418.0	118.58	7.2143	1.851
15.00	1361.9	419.4	118.50	6.8000	1.855
16.00	1363.2	420.7	118.43	6.4375	1.858
17.00	1364.4	421.9	118.34	6.1176	1.862
18.00	1365.5	423.0	118.30	5.8333	1.865
19.00	1366.4	423.9	118.25	5.5789	1.867
20.00	1367.4	424.9	118.19	5.3500	1.870
21.00	1368.4	425.8	118.14	5.1429	1.872
22.00	1369.2	426.7	118.10	4.9545	1.875
23.00	1369.9	427.4	118.05	4.7826	1.877
24.00	1370.7	428.2	118.02	4.6250	1.879
25.00	1371.3	428.8	117.97	4.4800	1.880
26.00	1372.0	429.5	117.93	4.3462	1.883
27.00	1372.7	430.2	117.89	4.2222	1.884
28.00	1373.3	430.8	117.85	4.1071	1.886
29.00	1373.9	431.4	117.82	4.0000	1.888
30.00	1374.5	432.0	117.79	3.9000	1.889
31.00	1375.0	432.5	117.75	3.8065	1.891
32.00	1375.5	433.0	117.72	3.7188	1.892
33.00	1376.0	433.5	117.69	3.6364	1.893
34.00	1376.5	434.0	117.66	3.5588	1.895
35.00	1376.9	434.4	117.63	3.4857	1.896
36.00	1377.3	434.8	117.60	3.4167	1.897
37.00	1377.8	435.2	117.57	3.3514	1.898
38.00	1378.3	435.8	117.54	3.2895	1.900
39.00	1378.6	436.1	117.52	3.2308	1.901
40.00	1379.0	436.5	117.49	3.1750	1.902
41.00	1379.4	436.9	117.46	3.1220	1.903
42.00	1379.8	437.3	117.44	3.0714	1.904
43.00	1380.1	437.6	117.41	3.0233	1.905
44.00	1380.4	437.9	117.39	2.9773	1.906
45.00	1380.9	438.4	117.35	2.9333	1.907
46.00	1381.1	438.6	117.33	2.8913	1.907
47.00	1381.4	438.9	117.31	2.8511	1.908
48.00	1381.8	439.3	117.28	2.8125	1.909
49.00	1382.0	439.5	117.25	2.7755	1.910
50.00	1382.4	439.9	117.24	2.7400	1.911
51.00	1382.6	440.1	117.21	2.7059	1.912

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
52.00	1383.0	440.5	117.18	2.6731	1.913
53.00	1383.1	440.6	117.16	2.6415	1.913
54.00	1383.5	441.0	117.14	2.6111	1.914
55.00	1383.7	441.2	117.11	2.5818	1.915
56.00	1384.0	441.5	117.09	2.5536	1.916
57.00	1384.1	441.6	117.06	2.5263	1.916
58.00	1384.5	442.0	117.04	2.5000	1.917
59.00	1384.7	442.2	117.02	2.4746	1.917
60.00	1384.9	442.4	117.00	2.4500	1.918
61.00	1385.1	442.6	116.98	2.4262	1.919
62.00	1385.3	442.8	116.96	2.4032	1.919
63.00	1385.5	443.0	116.94	2.3810	1.920
64.00	1385.6	443.1	116.91	2.3594	1.920
65.00	1385.9	443.4	116.90	2.3385	1.921
66.00	1386.1	443.6	116.87	2.3182	1.921
67.00	1386.3	443.8	116.85	2.2985	1.922
68.00	1386.4	443.9	116.84	2.2794	1.922
69.00	1386.6	444.1	116.81	2.2609	1.923
70.00	1386.9	444.4	116.79	2.2429	1.923
71.00	1387.1	444.6	116.77	2.2254	1.924
72.00	1387.2	444.6	116.76	2.2083	1.924
73.00	1387.4	444.9	116.73	2.1918	1.925
74.00	1387.5	445.0	116.72	2.1757	1.925
75.00	1387.7	445.2	116.70	2.1600	1.926
76.00	1387.9	445.4	116.68	2.1447	1.926
77.00	1388.0	445.5	116.66	2.1299	1.927
78.00	1388.2	445.7	116.64	2.1154	1.927
79.00	1388.4	445.9	116.63	2.1013	1.928
80.00	1388.6	446.1	116.61	2.0875	1.928
81.00	1388.7	446.2	116.59	2.0741	1.928
82.00	1388.7	446.2	116.58	2.0610	1.929
83.00	1388.9	446.4	116.56	2.0482	1.929
84.00	1389.1	446.6	116.54	2.0357	1.930
85.00	1389.2	446.7	116.52	2.0235	1.930
86.00	1389.3	446.8	116.50	2.0116	1.930
87.00	1389.5	447.0	116.49	2.0000	1.931
88.00	1389.6	447.1	116.47	1.9886	1.931
89.00	1389.7	447.2	116.46	1.9775	1.931
90.00	1389.8	447.3	116.44	1.9667	1.932
91.00	1389.9	447.4	116.42	1.9560	1.932
92.00	1390.2	447.7	116.40	1.9457	1.933
93.00	1390.3	447.8	116.39	1.9355	1.933
94.00	1390.3	447.8	116.37	1.9255	1.933
95.00	1390.5	448.0	116.37	1.9158	1.934
96.00	1390.6	448.1	116.35	1.9062	1.934
97.00	1390.8	448.3	116.33	1.8969	1.934
98.00	1390.9	448.4	116.32	1.8878	1.935
99.00	1390.9	448.4	116.31	1.8788	1.935
100.00	1391.0	448.5	116.32	1.8700	1.935
101.00	1391.1	448.6	116.27	1.8614	1.935
102.00	1391.2	448.7	116.25	1.8529	1.935

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
103.00	1391.3	448.8	116.29	1.8447	1.936
104.00	1391.3	448.8	116.25	1.8365	1.936
105.00	1391.6	449.1	116.24	1.8286	1.937
106.00	1391.8	449.3	116.21	1.8208	1.937
107.00	1391.9	449.3	116.20	1.8131	1.937
108.00	1391.9	449.4	116.18	1.8056	1.937
109.00	1392.0	449.5	116.17	1.7982	1.938
110.00	1392.1	449.6	116.14	1.7909	1.938
111.00	1392.3	449.8	116.13	1.7838	1.938
112.00	1392.3	449.8	116.10	1.7768	1.938
113.00	1392.5	450.0	116.07	1.7699	1.939
114.00	1392.5	450.0	116.08	1.7632	1.939
115.00	1392.6	450.1	116.08	1.7565	1.939
116.00	1392.7	450.2	116.05	1.7500	1.940
117.00	1392.8	450.3	116.04	1.7436	1.940
118.00	1392.9	450.4	116.02	1.7373	1.940
119.00	1393.0	450.5	116.03	1.7311	1.941
120.00	1393.2	450.7	115.99	1.7250	1.941
121.00	1393.2	450.7	115.99	1.7190	1.941
122.00	1393.2	450.7	115.99	1.7131	1.941
123.00	1393.3	450.8	115.98	1.7073	1.941
124.00	1393.4	450.9	115.97	1.7016	1.941
125.00	1393.4	450.9	115.94	1.6960	1.942
126.00	1393.5	451.0	115.95	1.6905	1.942
127.00	1393.6	451.1	115.93	1.6850	1.942
128.00	1393.8	451.3	115.93	1.6797	1.943
129.00	1393.8	451.3	115.92	1.6744	1.943
130.00	1393.9	451.4	115.91	1.6692	1.943
131.00	1393.9	451.4	115.90	1.6641	1.943
132.00	1393.9	451.4	115.89	1.6591	1.943
133.00	1394.0	451.5	115.88	1.6541	1.943
134.00	1394.2	451.7	115.87	1.6493	1.944
135.00	1394.3	451.7	115.86	1.6444	1.944
136.00	1394.3	451.7	115.85	1.6397	1.944
137.00	1394.3	451.8	115.84	1.6350	1.944
138.00	1394.4	451.9	115.83	1.6304	1.944
139.00	1394.5	452.0	115.82	1.6259	1.944
140.00	1394.5	452.0	115.81	1.6214	1.945
141.00	1394.7	452.2	115.81	1.6170	1.945
142.00	1394.8	452.3	115.80	1.6127	1.945
143.00	1394.8	452.3	115.79	1.6084	1.945
144.00	1394.8	452.3	115.78	1.6042	1.946
145.00	1394.9	452.4	115.77	1.6000	1.946
146.00	1394.9	452.4	115.77	1.5959	1.946
147.00	1395.0	452.5	115.75	1.5918	1.946
148.00	1395.1	452.6	115.75	1.5878	1.946
149.00	1395.1	452.6	115.74	1.5839	1.946
150.00	1395.3	452.8	115.74	1.5800	1.947
151.00	1395.3	452.8	115.72	1.5762	1.947
152.00	1395.4	452.9	115.72	1.5724	1.947
153.00	1395.4	452.9	115.70	1.5686	1.947

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
154.00	1395.5	453.0	115.71	1.5649	1.947
155.00	1395.6	453.1	115.69	1.5613	1.948
156.00	1395.6	453.1	115.68	1.5577	1.948
157.00	1395.6	453.1	115.68	1.5541	1.948
158.00	1395.7	453.2	115.67	1.5506	1.948
159.00	1395.7	453.2	115.66	1.5472	1.948
160.00	1395.8	453.3	115.65	1.5437	1.948
161.00	1395.8	453.3	115.65	1.5404	1.948
162.00	1395.7	453.2	115.65	1.5370	1.948
163.00	1395.9	453.4	115.64	1.5337	1.948
164.00	1396.0	453.5	115.63	1.5305	1.949
165.00	1396.1	453.6	115.62	1.5273	1.949
166.00	1396.1	453.6	115.62	1.5241	1.949
167.00	1396.2	453.7	115.61	1.5210	1.949
168.00	1396.2	453.7	115.60	1.5179	1.949
169.00	1396.3	453.8	115.59	1.5148	1.950
170.00	1396.3	453.8	115.59	1.5118	1.950
171.00	1396.3	453.8	115.58	1.5088	1.950
172.00	1396.3	453.8	115.58	1.5058	1.950
173.00	1396.5	454.0	115.57	1.5029	1.950
174.00	1396.5	454.0	115.57	1.5000	1.950
175.00	1396.5	454.0	115.56	1.4971	1.950
176.00	1396.6	454.1	115.55	1.4943	1.950
177.00	1396.6	454.1	115.55	1.4915	1.950
178.00	1396.7	454.2	115.54	1.4888	1.951
179.00	1396.8	454.3	115.54	1.4860	1.951
180.00	1396.8	454.3	115.53	1.4833	1.951
181.00	1396.9	454.4	115.53	1.4807	1.951
182.00	1396.9	454.4	115.52	1.4780	1.951
183.00	1396.9	454.4	115.52	1.4754	1.951
184.00	1396.9	454.4	115.52	1.4728	1.951
185.00	1397.0	454.5	115.51	1.4703	1.952
186.00	1397.0	454.5	115.50	1.4677	1.952
187.00	1397.1	454.6	115.49	1.4652	1.952
188.00	1397.1	454.6	115.49	1.4628	1.952
189.00	1397.2	454.7	115.49	1.4603	1.952
190.00	1397.2	454.7	115.49	1.4579	1.952
191.00	1397.3	454.8	115.48	1.4555	1.952
192.00	1397.3	454.8	115.48	1.4531	1.952
193.00	1397.3	454.8	115.47	1.4508	1.952
194.00	1397.4	454.9	115.46	1.4485	1.953
195.00	1397.4	454.9	115.46	1.4462	1.953
196.00	1397.4	454.9	115.46	1.4439	1.953
197.00	1397.4	454.9	115.45	1.4416	1.953
198.00	1397.4	454.9	115.45	1.4394	1.953
199.00	1397.5	455.0	115.44	1.4372	1.953
200.00	1397.6	455.1	115.44	1.4350	1.953
201.00	1397.7	455.2	115.43	1.4328	1.954
202.00	1397.7	455.2	115.43	1.4307	1.954
203.00	1397.8	455.3	115.43	1.4286	1.954
204.00	1397.8	455.3	115.42	1.4265	1.954

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9351 DST#3 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/19/96 TIME: 14:07:51

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	205.00	1397.9	455.4	115.42	1.4244	1.954
	206.00	1397.9	455.4	115.42	1.4223	1.954
	207.00	1397.9	455.4	115.41	1.4203	1.954
	208.00	1397.8	455.3	115.41	1.4183	1.954
	209.00	1397.9	455.4	115.41	1.4163	1.954
	210.00	1398.0	455.5	115.40	1.4143	1.954
	211.00	1398.0	455.5	115.40	1.4123	1.954
	212.00	1398.0	455.5	115.39	1.4104	1.954
	213.00	1398.1	455.6	115.39	1.4085	1.955
	214.00	1398.1	455.6	115.39	1.4065	1.955
	215.00	1398.1	455.6	115.38	1.4047	1.955
	216.00	1398.3	455.8	115.38	1.4028	1.955
	217.00	1398.3	455.8	115.38	1.4009	1.955
	218.00	1398.2	455.7	115.37	1.3991	1.955
	219.00	1398.4	455.9	115.37	1.3973	1.955
	220.00	1398.4	455.9	115.37	1.3955	1.955
	221.00	1398.4	455.9	115.36	1.3937	1.955
	222.00	1398.4	455.9	115.36	1.3919	1.956
	223.00	1398.4	455.9	115.35	1.3901	1.956
	224.00	1398.5	456.0	115.35	1.3884	1.956
	225.00	1398.5	456.0	115.35	1.3867	1.956
	226.00	1398.5	456.0	115.34	1.3850	1.956
	227.00	1398.4	455.9	115.34	1.3833	1.956
	228.00	1398.6	456.1	115.34	1.3816	1.956
	229.00	1398.7	456.2	115.33	1.3799	1.956
	230.00	1398.7	456.2	115.33	1.3783	1.956
	231.00	1398.8	456.3	115.33	1.3766	1.957
	232.00	1398.8	456.3	115.32	1.3750	1.957
	233.00	1398.8	456.3	115.32	1.3734	1.957
	234.00	1398.8	456.3	115.32	1.3718	1.957
	235.00	1398.9	456.4	115.31	1.3702	1.957
	236.00	1398.9	456.4	115.31	1.3686	1.957
	237.00	1398.9	456.4	115.31	1.3671	1.957
	238.00	1398.9	456.4	115.31	1.3655	1.957
	239.00	1398.9	456.4	115.31	1.3640	1.957
	240.00	1398.9	456.4	115.30	1.3625	1.957
	241.00	1398.9	456.4	115.29	1.3610	1.957
****** End Shut-in 2	242.00	1398.9	456.4	115.30	1.3595	1.957
****** Final Hydro.	484.00	1820.3	0.0	115.15		

*** TOOL DIAGRAM *** CONVENTIONAL

/ELL NAME: Hendrix "C" #4

.OCATION : 5-34S-13W Barber Co KS

'ICKET No. 9351 D.S.T. No. 3 DATE 6-19-96

'OTAL TOOL TO BOTTOM OF TOP PACKERS 27

.NTERVAL TOOL .....

3OTTOM PACKERS AND ANCHOR 16

'OTAL TOOL 43

)RILL COLLAR ANCHOR IN INTERVAL .....

).C. ANCHOR STND.Stands Single 1 Total 31

).P. ANCHOR STND.Stands Single Total

'OTAL ASSEMBLY 74

).C. ABOVE TOOLS.Stands2 Single 1 Total 155

).P. ABOVE TOOLS.Stands61 Single 0 Total 3749

'OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3978

'OTAL DEPTH 3970

'OTAL DRILL PIPE ABOVE K.B. 8

:EMARKS:
FLUID SAMPLER DATA

P.O. SUB	
C.O. SUB	3896
S.I. TOOL	3902
HMV	3907
JARS	3912
SAFETY JOINT	3914
PACKER	3918
PACKER	3923
DEPTH 3923	
STUBB 1'	3924
ANCHOR	
PERFS	
PERFS TO	3933
ALPINE REC.@	3938
T.C.	
DEPTH	
1 JT.DRILL COLLAR	
TO	3964
C.O.SUB	3965
AK-1 REC.	3967
BULLNOSE 5 FT.PERFORATED	3970
T.D.	

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-20-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9352 DST #4
LOCATION : 05-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Snyderville
INTERVAL : 4138.00 To 4175.00 ft TD 4175.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2351		
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 104	Clock(hrs)	12	12	Alpin		
FS 330	Depth(ft)	4172.0	4172.0	4143.0	0.0	0.0

TIME DATA----------
PF Fr. 1356 to 1426 hr
IS Fr. 1426 to 1526 hr
SF Fr. 1526 to 1710 hr
FS Fr. 1710 to 2240 hr

	Field	1	2	3	4
A. Init Hydro	2052.0	2056.0	2035.0	0.0	0.0
B. First Flow	25.0	34.0	22.0	0.0	0.0
B1. Final Flow	28.0	37.0	27.0	0.0	0.0
C. In Shut-in	577.0	575.0	583.0	0.0	0.0
D. Init Flow	34.0	48.0	25.0	0.0	0.0
E. Final Flow	46.0	62.0	41.0	0.0	0.0
F. Fl Shut-in	1412.0	1423.0	1391.0	0.0	0.0
G. Final Hydro	2012.0	2032.0	1988.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 1221 hr
T ON BOTM 1353 hr
T OPEN 1356 hr
T PULLED 2240 hr
T OUT 0055 hr

RECOVERY
Tot Fluid 25.00 ft of 25.00 ft in DC and 0.00 ft in DP
25.00 ft of Drilling mud
Condensate at top of tool

6.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	72000.00 lbs
Initial Str Wt	58000.00 lbs
Unseated Str Wt	59000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	186.00 ft
D.P. Length	3934.00 ft

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA----------

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	44.00 S/L
W.L.	10.40 in3
F.C.	0.20 in
Mud Drop	N

BLOW DESCRIPTION
Initial Flow -
Strong blow, bottom of bucket in 3.25 minutes

Final Flow -
Strong blow, bottom of bucket in 1 - 2 seconds; gas to surface in 33 minutes

Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	GOOD
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out	N
Tool Chased	N
Tester	GARY PEVOTEAUX
Co. Rep.	MIKE MAUNE
Contr.	DUKE DRLG.
Rig #	7
Unit #	
Pump T.	

SAMPLES: GAS SAMPLE
SENT TO:CARAWAY/LIBERAL KS.

Test Successful: Y

GAS RECOVERY

OMPANY: WOOLSEY PETL.CORP. DATE: 6-20-96
ELL NAME: HENDRIX C #4 KB Elev: 1906.00 ft TICKET #9352 DST #4
ELL LOCATION: SEC.05 TWP.34S RGE.13W GR Elev: 1893.00 ft FORMATION: SNYDERVILLE
NTERVAL Fr.: 4138.00 To 4175.00 T.D.: 4175.00 ft TEST TYPE: CONVENTIONAL

AS RECOVERY MEASURED WITH MERLA

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
35	0.50	0	12	21900.0
40	0.25	0	18	7120.0
45	0.25	0	48	11600.0
50	0.25	0	74	14400.0
55	0.25	0	88	15700.0
60	0.25	4	0	18500.0
65	0.25	4	0	19500.0
70	0.25	5	0	20700.0
75	0.25	7	0	25000.0
80	0.25	8	0	26100.0
85	0.25	8	0	26100.0
90	0.25	8	0	27000.0
95	0.25	8	0	28000.0
100	0.25	9	0	29000.0

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
P. O. Box 2137
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	960353	Analyzed:	06/24/96
Sample From:	Hendrix C-4 DST 4	Pressure:	
Producer:	Woolsey Petroleum Corp.	Temperature:	
Date:		Location:	3-34S-13W
Time:		County:	Barber
Sampler:		State:	Kansas
Source:		Formation:	Snyderville

		Mole %	GPM
Helium	He:	0.262	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	8.078	0.000
Carbon Dioxide	CO2:	0.172	0.000
Methane	C1:	83.607	0.000
Ethane	C2:	3.565	0.953
Propane	C3:	2.123	0.585
Iso Butane	iC4:	0.353	0.115
Normal Butane	nC4:	0.793	0.250
Iso Pentane	iC5:	0.243	0.089
Normal Pentane	nC5:	0.303	0.110
Hexanes Plus	C6+:	0.501	0.219
	TOTAL:	100.000	2.321
	Z Fact:	0.9976	
	SP.GR.:	0.6679	
	BTU (SAT):	1032.5 @ 14.73 psia	
	BTU (DRY):	1050.7 @ 14.73 psia	
	OCTANE RATING:	116.0	

COMMENTS: 0.082

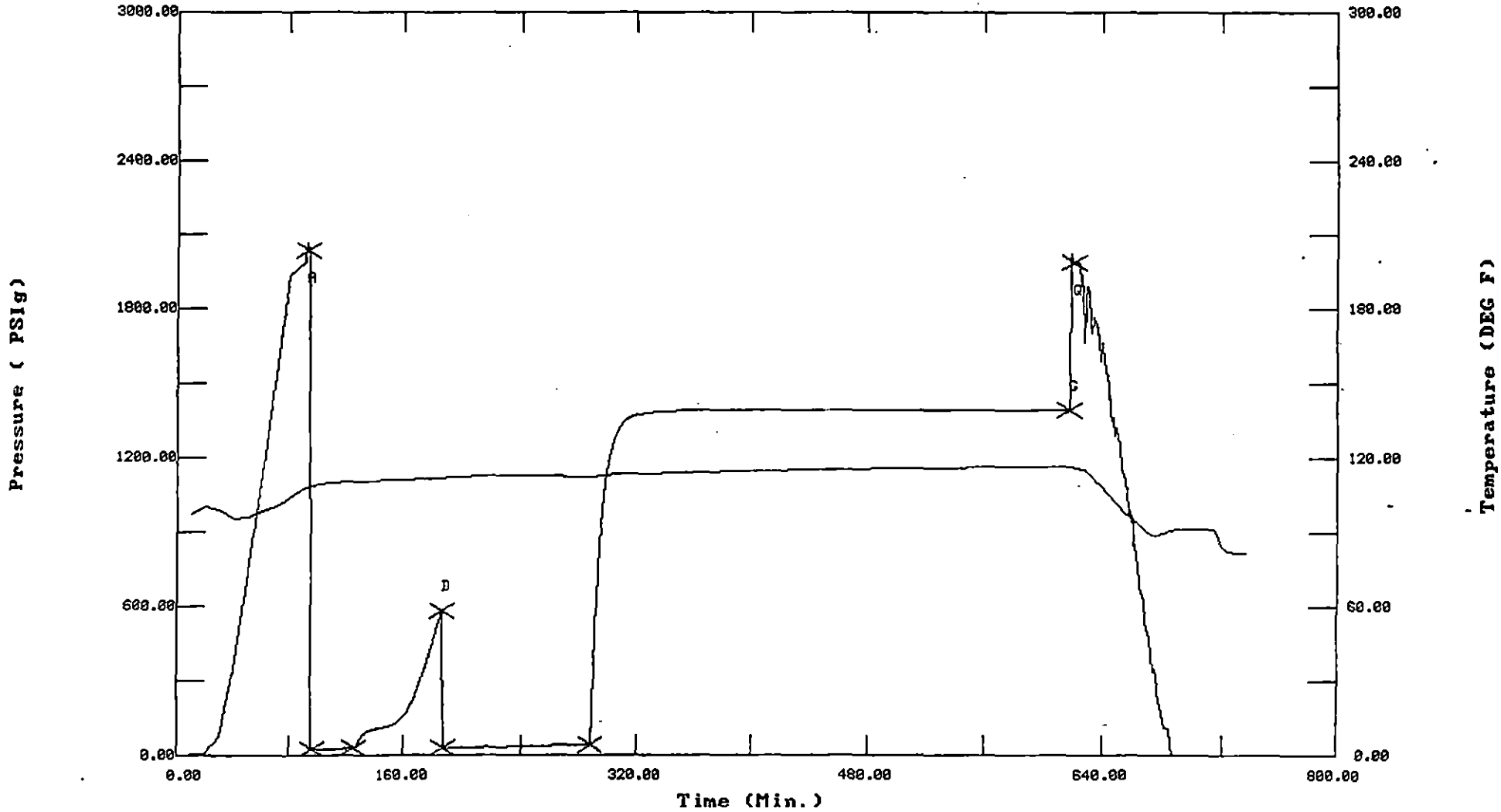
Caraway Analytical, 24-Jun-96

TEST HISTORY

9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2034.65
B:	0.00	22.48
C:	29.00	26.51
D:	61.00	582.87
E:	0.00	24.92
F:	101.00	41.45
G:	330.00	1391.31
Q:	0.00	1987.65



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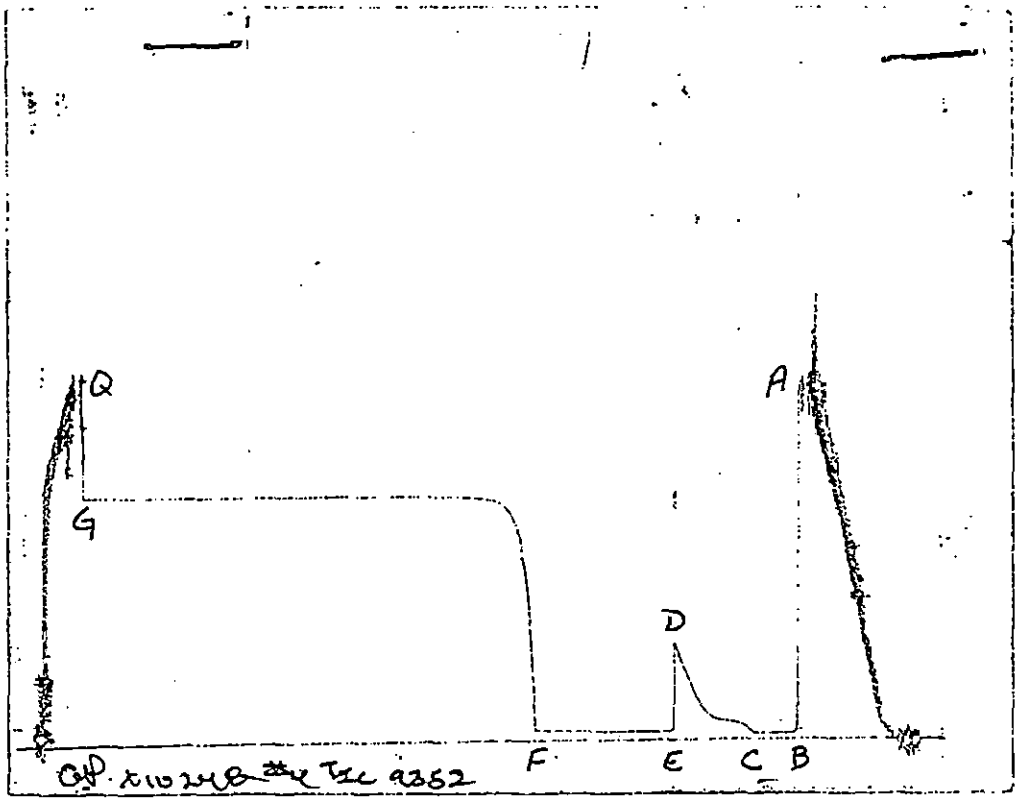


This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	93.00	2034.7	0.0	107.99		
***** Start Flow 1	0.00	22.5	0.0	108.37		
	1.00	22.7	0.2	108.54		
	2.00	21.8	-0.7	108.71		
	3.00	22.5	0.0	108.86		
	4.00	22.1	-0.4	109.00		
	5.00	21.1	-1.3	109.12		
	6.00	21.6	-0.9	109.23		
	7.00	22.6	0.1	109.33		
	8.00	22.7	0.3	109.40		
	9.00	23.3	0.8	109.49		
	10.00	23.3	0.8	109.55		
	11.00	22.8	0.3	109.61		
	12.00	23.8	1.3	109.67		
	13.00	23.7	1.2	109.72		
	14.00	23.6	1.1	109.77		
	15.00	24.1	1.6	109.82		
	16.00	23.9	1.4	109.86		
	17.00	23.9	1.4	109.91		
	18.00	23.5	1.0	109.95		
	19.00	24.2	1.7	109.98		
	20.00	24.0	1.5	110.02		
	21.00	24.2	1.7	110.06		
	22.00	24.2	1.8	110.10		
	23.00	24.8	2.3	110.13		
	24.00	24.0	1.5	110.17		
	25.00	24.7	2.2	110.20		
	26.00	25.3	2.9	110.23		
	27.00	25.3	2.9	110.26		
	28.00	25.5	3.0	110.30		
****** End Flow 1	29.00	26.5	4.0	110.33		
****** Start Shutin 1	0.00	26.5	0.0	110.33	0.0000	0.001
	1.00	35.0	8.5	110.36	30.0000	0.001
	2.00	47.4	20.9	110.39	15.5000	0.002
	3.00	57.4	30.9	110.42	10.6667	0.003
	4.00	65.8	39.3	110.45	8.2500	0.004
	5.00	73.2	46.7	110.47	6.8000	0.005
	6.00	79.1	52.6	110.48	5.8333	0.006
	7.00	84.0	57.5	110.49	5.1429	0.007
	8.00	87.9	61.4	110.50	4.6250	0.008
	9.00	91.2	64.7	110.51	4.2222	0.008
	10.00	94.0	67.5	110.52	3.9000	0.009
	11.00	96.1	69.6	110.53	3.6364	0.009
	12.00	98.0	71.5	110.53	3.4167	0.01
	13.00	99.7	73.2	110.54	3.2308	0.01
	14.00	101.0	74.4	110.54	3.0714	0.010
	15.00	102.3	75.8	110.56	2.9333	0.010
	16.00	103.4	76.9	110.57	2.8125	0.011
	17.00	104.4	77.9	110.59	2.7059	0.011
	18.00	105.2	78.7	110.60	2.6111	0.011
	19.00	106.2	79.6	110.62	2.5263	0.011

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	107.2	80.7	110.63	2.4500	0.011
	21.00	108.3	81.7	110.65	2.3810	0.012
	22.00	109.3	82.8	110.67	2.3182	0.012
	23.00	110.6	84.1	110.69	2.2609	0.012
	24.00	112.1	85.6	110.70	2.2083	0.013
	25.00	113.9	87.4	110.72	2.1600	0.013
	26.00	115.6	89.1	110.74	2.1154	0.013
	27.00	117.7	91.2	110.76	2.0741	0.014
	28.00	120.2	93.7	110.77	2.0357	0.014
	29.00	122.9	96.4	110.79	2.0000	0.015
	30.00	126.1	99.5	110.82	1.9667	0.016
	31.00	129.7	103.2	110.84	1.9355	0.017
	32.00	134.2	107.7	110.87	1.9062	0.018
	33.00	139.4	112.9	110.89	1.8788	0.019
	34.00	145.4	118.8	110.92	1.8529	0.021
	35.00	152.3	125.8	110.94	1.8286	0.023
	36.00	160.0	133.4	110.98	1.8056	0.026
	37.00	168.5	142.0	111.01	1.7838	0.028
	38.00	178.4	151.9	111.04	1.7632	0.032
	39.00	188.7	162.2	111.07	1.7436	0.036
	40.00	199.8	173.3	111.11	1.7250	0.040
	41.00	212.0	185.5	111.14	1.7073	0.045
	42.00	224.8	198.2	111.18	1.6905	0.051
	43.00	238.6	212.1	111.21	1.6744	0.057
	44.00	253.8	227.3	111.26	1.6591	0.064
	45.00	269.7	243.2	111.29	1.6444	0.073
	46.00	286.3	259.8	111.32	1.6304	0.082
	47.00	303.8	277.3	111.36	1.6170	0.092
	48.00	322.3	295.8	111.39	1.6042	0.104
	49.00	341.0	314.5	111.42	1.5918	0.116
	50.00	360.2	333.7	111.46	1.5800	0.130
	51.00	379.3	352.8	111.49	1.5686	0.144
	52.00	398.7	372.2	111.52	1.5577	0.159
	53.00	418.4	391.9	111.55	1.5472	0.175
	54.00	438.3	411.8	111.57	1.5370	0.192
	55.00	458.6	432.1	111.60	1.5273	0.210
	56.00	479.0	452.5	111.63	1.5179	0.229
	57.00	499.7	473.2	111.66	1.5088	0.250
	58.00	520.3	493.8	111.68	1.5000	0.271
	59.00	541.1	514.6	111.71	1.4915	0.293
	60.00	562.0	535.5	111.74	1.4833	0.316
**** End Shut-in 1	61.00	582.9	556.4	111.76	1.4754	0.340
**** Start Flow 2	0.00	24.9	0.0	111.77		
	1.00	25.0	0.1	111.80		
	2.00	24.3	-0.6	111.83		
	3.00	24.6	-0.3	111.87		
	4.00	24.8	-0.2	111.91		
	5.00	25.4	0.5	111.95		
	6.00	26.1	1.2	111.99		
	7.00	26.2	1.3	112.03		
	8.00	26.2	1.3	112.07		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
9.00	25.8	0.9	112.11		
10.00	26.8	1.9	112.14		
11.00	26.7	1.8	112.17		
12.00	26.7	1.8	112.21		
13.00	28.1	3.2	112.23		
14.00	29.4	4.4	112.26		
15.00	28.4	3.4	112.30		
16.00	28.4	3.4	112.33		
17.00	27.8	2.9	112.35		
18.00	27.8	2.9	112.38		
19.00	28.2	3.3	112.40		
20.00	27.8	2.9	112.42		
21.00	28.4	3.4	112.44		
22.00	29.9	5.0	112.46		
23.00	28.6	3.7	112.48		
24.00	29.5	4.5	112.49		
25.00	29.9	5.0	112.51		
26.00	29.7	4.8	112.53		
27.00	30.2	5.3	112.54		
28.00	30.5	5.5	112.56		
29.00	31.4	6.5	112.57		
30.00	31.2	6.3	112.58		
31.00	31.3	6.4	112.59		
32.00	29.7	4.8	112.60		
33.00	29.7	4.8	112.61		
34.00	28.5	3.6	112.62		
35.00	28.8	3.9	112.63		
36.00	28.6	3.7	112.63		
37.00	28.6	3.7	112.64		
38.00	29.5	4.5	112.65		
39.00	29.8	4.9	112.65		
40.00	29.5	4.6	112.65		
41.00	29.4	4.4	112.66		
42.00	29.7	4.8	112.66		
43.00	30.3	5.4	112.65		
44.00	31.4	6.5	112.66		
45.00	31.5	6.5	112.65		
46.00	31.5	6.5	112.65		
47.00	31.2	6.3	112.65		
48.00	31.8	6.9	112.64		
49.00	31.7	6.8	112.65		
50.00	32.1	7.1	112.64		
51.00	31.7	6.8	112.64		
52.00	32.3	7.4	112.64		
53.00	32.6	7.7	112.63		
54.00	33.1	8.1	112.63		
55.00	32.8	7.9	112.63		
56.00	33.6	8.6	112.62		
57.00	33.2	8.3	112.63		
58.00	33.6	8.6	112.62		
59.00	33.8	8.9	112.62		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	60.00	34.7	9.8	112.62		
	61.00	34.4	9.5	112.61		
	62.00	34.6	9.7	112.61		
	63.00	34.6	9.7	112.61		
	64.00	34.7	9.8	112.60		
	65.00	35.0	10.1	112.59		
	66.00	35.1	10.2	112.58		
	67.00	35.2	10.3	112.58		
	68.00	35.7	10.8	112.57		
	69.00	35.8	10.9	112.56		
	70.00	36.0	11.1	112.54		
	71.00	36.5	11.6	112.53		
	72.00	36.3	11.4	112.52		
	73.00	36.6	11.7	112.51		
	74.00	36.8	11.9	112.49		
	75.00	36.9	12.0	112.48		
	76.00	37.4	12.5	112.47		
	77.00	37.1	12.2	112.46		
	78.00	37.5	12.6	112.44		
	79.00	37.6	12.7	112.42		
	80.00	38.1	13.2	112.41		
	81.00	37.9	13.0	112.39		
	82.00	38.5	13.6	112.38		
	83.00	38.5	13.6	112.37		
	84.00	38.4	13.5	112.35		
	85.00	38.9	14.0	112.34		
	86.00	39.4	14.5	112.32		
	87.00	39.1	14.2	112.32		
	88.00	39.6	14.7	112.30		
	89.00	39.6	14.7	112.29		
	90.00	39.7	14.8	112.27		
	91.00	40.0	15.1	112.25		
	92.00	39.9	15.0	112.23		
	93.00	39.9	15.0	112.21		
	94.00	40.2	15.3	112.19		
	95.00	40.7	15.8	112.17		
	96.00	40.5	15.6	112.15		
	97.00	40.7	15.8	112.13		
	98.00	41.1	16.2	112.12		
	99.00	41.3	16.4	112.11		
	100.00	41.3	16.4	112.09		
***** End Flow 2	101.00	41.5	16.5	112.07		
***** Start Shutin 2	0.00	41.5	0.0	112.07	0.0000	0.002
	1.00	186.4	144.9	112.08	131.0000	0.035
	2.00	348.5	307.0	112.14	66.0000	0.121
	3.00	493.8	452.4	112.23	44.3333	0.244
	4.00	624.0	582.5	112.31	33.5000	0.389
	5.00	739.8	698.4	112.43	27.0000	0.547
	6.00	842.5	801.0	112.52	22.6667	0.710
	7.00	923.9	882.4	112.60	19.5714	0.854
	8.00	989.4	948.0	112.67	17.2500	0.979

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
9.00	1046.1	1004.6	112.76	15.4444	1.094
10.00	1094.7	1053.2	112.80	14.0000	1.198
11.00	1136.5	1095.0	112.86	12.8182	1.292
12.00	1172.3	1130.8	112.91	11.8333	1.374
13.00	1202.9	1161.5	112.96	11.0000	1.447
14.00	1225.2	1183.7	113.00	10.2857	1.501
15.00	1247.8	1206.4	113.04	9.6667	1.557
16.00	1267.3	1225.8	113.07	9.1250	1.606
17.00	1283.7	1242.2	113.10	8.6471	1.648
18.00	1296.9	1255.5	113.11	8.2222	1.682
19.00	1308.8	1267.4	113.13	7.8421	1.713
20.00	1319.2	1277.7	113.16	7.5000	1.740
21.00	1328.1	1286.7	113.17	7.1905	1.764
22.00	1336.5	1295.0	113.19	6.9091	1.786
23.00	1343.7	1302.2	113.21	6.6522	1.805
24.00	1349.6	1308.1	113.22	6.4167	1.821
25.00	1353.8	1312.4	113.23	6.2000	1.833
26.00	1357.4	1316.0	113.25	6.0000	1.843
27.00	1360.5	1319.0	113.27	5.8148	1.851
28.00	1363.2	1321.8	113.28	5.6429	1.858
29.00	1365.7	1324.2	113.30	5.4828	1.865
30.00	1367.7	1326.2	113.31	5.3333	1.871
31.00	1369.5	1328.1	113.32	5.1935	1.876
32.00	1371.1	1329.7	113.34	5.0625	1.880
33.00	1372.6	1331.2	113.34	4.9394	1.884
34.00	1374.0	1332.5	113.36	4.8235	1.888
35.00	1375.2	1333.8	113.38	4.7143	1.891
36.00	1376.2	1334.7	113.38	4.6111	1.894
37.00	1377.3	1335.9	113.41	4.5135	1.897
38.00	1378.3	1336.8	113.43	4.4211	1.900
39.00	1379.0	1337.6	113.44	4.3333	1.902
40.00	1379.9	1338.5	113.45	4.2500	1.904
41.00	1380.7	1339.2	113.48	4.1707	1.906
42.00	1381.4	1339.9	113.49	4.0952	1.908
43.00	1381.9	1340.5	113.51	4.0233	1.910
44.00	1382.6	1341.2	113.52	3.9545	1.912
45.00	1383.1	1341.7	113.53	3.8889	1.913
46.00	1383.8	1342.3	113.55	3.8261	1.915
47.00	1384.3	1342.8	113.56	3.7660	1.916
48.00	1384.7	1343.3	113.57	3.7083	1.917
49.00	1385.2	1343.8	113.59	3.6531	1.919
50.00	1385.6	1344.1	113.61	3.6000	1.920
51.00	1385.9	1344.4	113.62	3.5490	1.921
52.00	1386.2	1344.8	113.63	3.5000	1.922
53.00	1386.6	1345.2	113.65	3.4528	1.923
54.00	1386.9	1345.4	113.66	3.4074	1.923
55.00	1387.2	1345.7	113.68	3.3636	1.924
56.00	1387.4	1346.0	113.69	3.3214	1.925
57.00	1387.7	1346.2	113.71	3.2807	1.926
58.00	1387.9	1346.5	113.72	3.2414	1.926
59.00	1388.2	1346.8	113.73	3.2034	1.927

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/20/96 TIME: 12:21:19

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
60.00	1388.3	1346.9	113.75	3.1667	1.927
61.00	1388.5	1347.0	113.76	3.1311	1.928
62.00	1388.7	1347.3	113.78	3.0968	1.929
63.00	1388.9	1347.5	113.79	3.0635	1.929
64.00	1389.2	1347.8	113.81	3.0312	1.930
65.00	1389.4	1348.0	113.83	3.0000	1.930
66.00	1389.6	1348.1	113.84	2.9697	1.931
67.00	1389.8	1348.4	113.86	2.9403	1.932
68.00	1389.9	1348.5	113.87	2.9118	1.932
69.00	1390.2	1348.7	113.89	2.8841	1.933
70.00	1390.3	1348.9	113.90	2.8571	1.933
71.00	1390.4	1349.0	113.92	2.8310	1.933
72.00	1390.6	1349.1	113.94	2.8056	1.934
73.00	1390.8	1349.3	113.94	2.7808	1.934
74.00	1390.8	1349.4	113.96	2.7568	1.934
75.00	1391.0	1349.6	113.98	2.7333	1.935
76.00	1391.1	1349.6	114.00	2.7105	1.935
77.00	1391.2	1349.7	114.02	2.6883	1.935
78.00	1391.3	1349.8	114.03	2.6667	1.936
79.00	1391.3	1349.9	114.06	2.6456	1.936
80.00	1391.4	1350.0	114.06	2.6250	1.936
81.00	1391.6	1350.1	114.08	2.6049	1.936
82.00	1391.6	1350.1	114.09	2.5854	1.936
83.00	1391.6	1350.2	114.11	2.5663	1.937
84.00	1391.6	1350.2	114.13	2.5476	1.937
85.00	1391.7	1350.2	114.15	2.5294	1.937
86.00	1391.8	1350.3	114.15	2.5116	1.937
87.00	1391.9	1350.4	114.16	2.4943	1.937
88.00	1391.9	1350.4	114.17	2.4773	1.937
89.00	1391.8	1350.4	114.19	2.4607	1.937
90.00	1391.9	1350.5	114.20	2.4444	1.937
91.00	1391.9	1350.5	114.22	2.4286	1.937
92.00	1392.2	1350.7	114.24	2.4130	1.938
93.00	1392.2	1350.7	114.25	2.3978	1.938
94.00	1392.2	1350.7	114.26	2.3830	1.938
95.00	1392.2	1350.8	114.28	2.3684	1.938
96.00	1392.4	1350.9	114.29	2.3542	1.939
97.00	1392.3	1350.8	114.31	2.3402	1.938
98.00	1392.6	1351.1	114.32	2.3265	1.939
99.00	1392.6	1351.1	114.33	2.3131	1.939
100.00	1392.6	1351.1	114.35	2.3000	1.939
101.00	1392.6	1351.1	114.36	2.2871	1.939
102.00	1392.6	1351.1	114.37	2.2745	1.939
103.00	1392.7	1351.2	114.38	2.2621	1.939
104.00	1392.7	1351.2	114.40	2.2500	1.939
105.00	1392.7	1351.2	114.41	2.2381	1.939
106.00	1392.7	1351.2	114.43	2.2264	1.939
107.00	1392.7	1351.3	114.44	2.2150	1.940
108.00	1392.7	1351.3	114.45	2.2037	1.940
109.00	1392.8	1351.4	114.48	2.1927	1.940
110.00	1392.8	1351.4	114.47	2.1818	1.940

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19.

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
111.00	1392.9	1351.5	114.49	2.1712	1.940
112.00	1393.0	1351.5	114.51	2.1607	1.940
113.00	1393.0	1351.5	114.52	2.1504	1.940
114.00	1393.1	1351.6	114.53	2.1404	1.941
115.00	1393.2	1351.7	114.56	2.1304	1.941
116.00	1393.2	1351.7	114.57	2.1207	1.941
117.00	1393.2	1351.7	114.57	2.1111	1.941
118.00	1393.2	1351.7	114.58	2.1017	1.941
119.00	1393.2	1351.7	114.59	2.0924	1.941
120.00	1393.2	1351.7	114.61	2.0833	1.941
121.00	1393.1	1351.6	114.62	2.0744	1.941
122.00	1393.1	1351.6	114.63	2.0656	1.941
123.00	1393.2	1351.8	114.65	2.0569	1.941
124.00	1393.2	1351.8	114.66	2.0484	1.941
125.00	1393.2	1351.8	114.67	2.0400	1.941
126.00	1393.2	1351.8	114.68	2.0317	1.941
127.00	1393.3	1351.9	114.70	2.0236	1.941
128.00	1393.3	1351.9	114.70	2.0156	1.941
129.00	1393.3	1351.9	114.72	2.0078	1.941
130.00	1393.3	1351.9	114.74	2.0000	1.941
131.00	1393.3	1351.9	114.74	1.9924	1.941
132.00	1393.3	1351.9	114.76	1.9848	1.941
133.00	1393.3	1351.9	114.77	1.9774	1.941
134.00	1393.3	1351.9	114.78	1.9701	1.941
135.00	1393.3	1351.9	114.79	1.9630	1.941
136.00	1393.3	1351.9	114.80	1.9559	1.941
137.00	1393.3	1351.9	114.81	1.9489	1.941
138.00	1393.3	1351.9	114.83	1.9420	1.941
139.00	1393.2	1351.8	114.84	1.9353	1.941
140.00	1393.2	1351.8	114.85	1.9286	1.941
141.00	1393.3	1351.9	114.86	1.9220	1.941
142.00	1393.4	1352.0	114.87	1.9155	1.942
143.00	1393.3	1351.9	114.89	1.9091	1.941
144.00	1393.3	1351.9	114.90	1.9028	1.941
145.00	1393.3	1351.9	114.91	1.8966	1.941
146.00	1393.2	1351.7	114.92	1.8904	1.941
147.00	1393.0	1351.5	114.94	1.8844	1.940
148.00	1392.9	1351.5	114.95	1.8784	1.940
149.00	1392.9	1351.5	114.96	1.8725	1.940
150.00	1392.8	1351.4	114.97	1.8667	1.940
151.00	1392.8	1351.4	114.98	1.8609	1.940
152.00	1392.7	1351.3	114.99	1.8553	1.940
153.00	1392.7	1351.3	115.00	1.8497	1.940
154.00	1392.7	1351.3	115.01	1.8442	1.940
155.00	1392.7	1351.2	115.01	1.8387	1.939
156.00	1392.7	1351.2	115.01	1.8333	1.939
157.00	1392.7	1351.2	115.02	1.8280	1.939
158.00	1392.7	1351.2	115.04	1.8228	1.939
159.00	1392.7	1351.2	115.05	1.8176	1.939
160.00	1392.7	1351.2	115.06	1.8125	1.939
161.00	1392.7	1351.2	115.07	1.8075	1.939

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
162.00	1392.7	1351.2	115.08	1.8025	1.939
163.00	1392.7	1351.2	115.09	1.7975	1.939
164.00	1392.6	1351.1	115.10	1.7927	1.939
165.00	1392.6	1351.1	115.11	1.7879	1.939
166.00	1392.6	1351.1	115.12	1.7831	1.939
167.00	1392.7	1351.3	115.13	1.7784	1.940
168.00	1392.7	1351.2	115.14	1.7738	1.939
169.00	1392.7	1351.2	115.16	1.7692	1.939
170.00	1392.7	1351.2	115.17	1.7647	1.939
171.00	1392.7	1351.2	115.18	1.7602	1.939
172.00	1392.7	1351.2	115.19	1.7558	1.939
173.00	1392.7	1351.2	115.20	1.7514	1.939
174.00	1392.7	1351.2	115.21	1.7471	1.939
175.00	1392.7	1351.2	115.22	1.7429	1.939
176.00	1392.7	1351.3	115.23	1.7386	1.940
177.00	1392.7	1351.3	115.24	1.7345	1.940
178.00	1392.7	1351.3	115.25	1.7303	1.940
179.00	1392.7	1351.3	115.26	1.7263	1.940
180.00	1392.7	1351.3	115.27	1.7222	1.940
181.00	1392.7	1351.2	115.29	1.7182	1.939
182.00	1392.7	1351.2	115.30	1.7143	1.939
183.00	1392.6	1351.1	115.30	1.7104	1.939
184.00	1392.7	1351.2	115.32	1.7065	1.939
185.00	1392.7	1351.2	115.33	1.7027	1.939
186.00	1392.7	1351.3	115.34	1.6989	1.940
187.00	1392.7	1351.3	115.35	1.6952	1.940
188.00	1392.7	1351.3	115.36	1.6915	1.940
189.00	1392.7	1351.3	115.37	1.6878	1.940
190.00	1392.7	1351.3	115.38	1.6842	1.940
191.00	1392.7	1351.3	115.38	1.6806	1.940
192.00	1392.7	1351.2	115.40	1.6771	1.939
193.00	1392.7	1351.2	115.40	1.6736	1.939
194.00	1392.7	1351.2	115.42	1.6701	1.939
195.00	1392.7	1351.2	115.43	1.6667	1.939
196.00	1392.7	1351.2	115.44	1.6633	1.939
197.00	1392.7	1351.2	115.44	1.6599	1.939
198.00	1392.6	1351.1	115.45	1.6566	1.939
199.00	1392.6	1351.1	115.47	1.6533	1.939
200.00	1392.6	1351.1	115.47	1.6500	1.939
201.00	1392.6	1351.1	115.49	1.6468	1.939
202.00	1392.6	1351.1	115.49	1.6436	1.939
203.00	1392.2	1350.8	115.51	1.6404	1.938
204.00	1392.2	1350.7	115.52	1.6373	1.938
205.00	1392.2	1350.7	115.53	1.6341	1.938
206.00	1392.1	1350.6	115.55	1.6311	1.938
207.00	1392.1	1350.6	115.57	1.6280	1.938
208.00	1392.0	1350.5	115.58	1.6250	1.938
209.00	1392.0	1350.5	115.60	1.6220	1.938
210.00	1391.9	1350.4	115.60	1.6190	1.937
211.00	1391.9	1350.4	115.61	1.6161	1.937
212.00	1391.9	1350.4	115.62	1.6132	1.937

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
213.00	1391.9	1350.4	115.63	1.6103	1.937
214.00	1391.9	1350.4	115.64	1.6075	1.937
215.00	1391.9	1350.4	115.65	1.6047	1.937
216.00	1391.9	1350.4	115.65	1.6019	1.937
217.00	1391.8	1350.4	115.66	1.5991	1.937
218.00	1391.8	1350.4	115.67	1.5963	1.937
219.00	1391.8	1350.4	115.68	1.5936	1.937
220.00	1391.8	1350.4	115.69	1.5909	1.937
221.00	1391.7	1350.3	115.70	1.5882	1.937
222.00	1391.7	1350.3	115.70	1.5856	1.937
223.00	1391.9	1350.4	115.71	1.5830	1.937
224.00	1391.9	1350.4	115.72	1.5804	1.937
225.00	1391.9	1350.4	115.73	1.5778	1.937
226.00	1391.9	1350.4	115.74	1.5752	1.937
227.00	1391.8	1350.4	115.75	1.5727	1.937
228.00	1391.8	1350.4	115.76	1.5702	1.937
229.00	1391.7	1350.3	115.76	1.5677	1.937
230.00	1391.7	1350.3	115.77	1.5652	1.937
231.00	1391.7	1350.3	115.78	1.5628	1.937
232.00	1391.7	1350.3	115.79	1.5603	1.937
233.00	1391.7	1350.3	115.79	1.5579	1.937
234.00	1391.7	1350.3	115.80	1.5556	1.937
235.00	1391.7	1350.3	115.81	1.5532	1.937
236.00	1391.7	1350.3	115.82	1.5508	1.937
237.00	1391.7	1350.3	115.82	1.5485	1.937
238.00	1391.8	1350.4	115.83	1.5462	1.937
239.00	1391.8	1350.4	115.85	1.5439	1.937
240.00	1391.8	1350.4	115.85	1.5417	1.937
241.00	1391.8	1350.4	115.86	1.5394	1.937
242.00	1391.8	1350.4	115.87	1.5372	1.937
243.00	1391.8	1350.4	115.88	1.5350	1.937
244.00	1391.8	1350.4	115.89	1.5328	1.937
245.00	1391.8	1350.4	115.90	1.5306	1.937
246.00	1391.8	1350.4	115.90	1.5285	1.937
247.00	1391.8	1350.4	115.91	1.5263	1.937
248.00	1391.8	1350.4	115.92	1.5242	1.937
249.00	1391.9	1350.4	115.93	1.5221	1.937
250.00	1391.7	1350.3	115.94	1.5200	1.937
251.00	1391.7	1350.3	115.94	1.5179	1.937
252.00	1391.7	1350.3	115.95	1.5159	1.937
253.00	1391.7	1350.3	115.95	1.5138	1.937
254.00	1391.7	1350.3	115.96	1.5118	1.937
255.00	1391.7	1350.3	115.97	1.5098	1.937
256.00	1391.8	1350.4	115.98	1.5078	1.937
257.00	1391.8	1350.4	115.99	1.5058	1.937
258.00	1391.8	1350.4	116.00	1.5039	1.937
259.00	1391.8	1350.4	116.00	1.5019	1.937
260.00	1391.8	1350.4	116.02	1.5000	1.937
261.00	1391.8	1350.4	116.03	1.4981	1.937
262.00	1391.8	1350.4	116.03	1.4962	1.937
263.00	1391.8	1350.4	116.04	1.4943	1.937

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/20/96 TIME: 12:21:19

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
264.00	1391.8	1350.4	116.05	1.4924	1.937
265.00	1391.8	1350.4	116.06	1.4906	1.937
266.00	1391.8	1350.4	116.07	1.4887	1.937
267.00	1391.6	1350.2	116.07	1.4869	1.937
268.00	1391.6	1350.2	116.09	1.4851	1.937
269.00	1391.7	1350.3	116.09	1.4833	1.937
270.00	1391.7	1350.3	116.10	1.4815	1.937
271.00	1391.7	1350.3	116.12	1.4797	1.937
272.00	1391.7	1350.3	116.12	1.4779	1.937
273.00	1391.6	1350.1	116.12	1.4762	1.936
274.00	1391.6	1350.1	116.13	1.4745	1.936
275.00	1391.6	1350.1	116.14	1.4727	1.936
276.00	1391.6	1350.1	116.16	1.4710	1.936
277.00	1391.6	1350.1	116.18	1.4693	1.936
278.00	1391.6	1350.1	116.17	1.4676	1.936
279.00	1391.6	1350.2	116.19	1.4659	1.937
280.00	1391.6	1350.2	116.22	1.4643	1.937
281.00	1391.6	1350.2	116.19	1.4626	1.937
282.00	1391.5	1350.0	116.21	1.4610	1.936
283.00	1391.5	1350.0	116.26	1.4594	1.936
284.00	1391.5	1350.0	116.24	1.4577	1.936
285.00	1391.5	1350.0	116.22	1.4561	1.936
286.00	1391.6	1350.1	116.26	1.4545	1.936
287.00	1391.6	1350.1	116.26	1.4530	1.936
288.00	1391.6	1350.1	116.25	1.4514	1.936
289.00	1391.6	1350.1	116.26	1.4498	1.936
290.00	1391.6	1350.1	116.25	1.4483	1.936
291.00	1391.6	1350.1	116.26	1.4467	1.936
292.00	1391.4	1349.9	116.26	1.4452	1.936
293.00	1391.4	1349.9	116.28	1.4437	1.936
294.00	1391.5	1350.0	116.28	1.4422	1.936
295.00	1391.5	1350.0	116.29	1.4407	1.936
296.00	1391.5	1350.1	116.29	1.4392	1.936
297.00	1391.4	1350.0	116.31	1.4377	1.936
298.00	1391.4	1349.9	116.30	1.4362	1.936
299.00	1391.4	1349.9	116.28	1.4348	1.936
300.00	1391.4	1349.9	116.29	1.4333	1.936
301.00	1391.4	1349.9	116.31	1.4319	1.936
302.00	1391.4	1349.9	116.31	1.4305	1.936
303.00	1391.4	1349.9	116.32	1.4290	1.936
304.00	1391.4	1349.9	116.35	1.4276	1.936
305.00	1391.4	1349.9	116.33	1.4262	1.936
306.00	1391.5	1350.0	116.34	1.4248	1.936
307.00	1391.5	1350.0	116.31	1.4235	1.936
308.00	1391.5	1350.0	116.35	1.4221	1.936
309.00	1391.5	1350.0	116.32	1.4207	1.936
310.00	1391.3	1349.9	116.37	1.4194	1.936
311.00	1391.3	1349.9	116.38	1.4180	1.936
312.00	1391.3	1349.9	116.36	1.4167	1.936
313.00	1391.3	1349.9	116.40	1.4153	1.936
314.00	1391.3	1349.9	116.40	1.4140	1.936

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9352 DST#4 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/20/96 TIME: 12:21:19

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	315.00	1391.3	1349.9	116.38	1.4127	1.936
	316.00	1391.2	1349.8	116.41	1.4114	1.936
	317.00	1391.2	1349.8	116.42	1.4101	1.936
	318.00	1391.2	1349.8	116.44	1.4088	1.936
	319.00	1391.4	1349.9	116.45	1.4075	1.936
	320.00	1391.4	1349.9	116.45	1.4062	1.936
	321.00	1391.4	1349.9	116.46	1.4050	1.936
	322.00	1391.4	1349.9	116.47	1.4037	1.936
	323.00	1391.4	1349.9	116.48	1.4025	1.936
	324.00	1391.3	1349.9	116.48	1.4012	1.936
	325.00	1391.3	1349.9	116.49	1.4000	1.936
	326.00	1391.3	1349.9	116.50	1.3988	1.936
	327.00	1391.3	1349.9	116.49	1.3976	1.936
	328.00	1391.3	1349.9	116.51	1.3963	1.936
	329.00	1391.3	1349.9	116.52	1.3951	1.936
***** End Shut-in 2	330.00	1391.3	1349.9	116.53	1.3939	1.936
***** Final Hydro.	621.00	1987.7	0.0	115.91		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hendrix "C" #4

LOCATION : 05-34S-13W, Barber Cty KS

TICKET No. 9352 D.S.T. No. 4 DATE 6-20-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 37

TOTAL TOOL 64

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 64

D.C. ABOVE TOOLS.Stands3 Single 0 Total 186

D.P. ABOVE TOOLS.Stands63 Single 1 Total 3934

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4184

TOTAL DEPTH 4175

TOTAL DRILL PIPE ABOVE K.B. 9

REMARKS:

P.O. SUB	
C.O. SUB	4111
S.I. TOOL	4117
HMV	4122
JARS	4127
SAFETY JOINT	4129
PACKER	4133
PACKER	4138
DEPTH 4138	
STUBB 1'	4139
ANCHOR	
PERFS	
ALPINE RECORDER	4143
T.C.	
DEPTH	
31 FT. PERFS TO	4170
AK-1 RECORDER	4172
BULLNOSE 5 FT.PERFORATED	
T.D.	4175

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-21-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9353 DST #5
LOCATION : 05-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Douglas SD.
INTERVAL : 4216.00 To 4232.00 ft TD 4232.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2351		
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 60	Clock(hrs)	12	12	Alpin		
FS 240	Depth(ft)	4229.0	4229.0	4221.0	0.0	0.0

TIME DATA----------
PF Fr. 1055 to 1125 hr
IS Fr. 1125 to 1225 hr
SF Fr. 1225 to 1325 hr
FS Fr. 1325 to 1725 hr

	Field	1	2	3	4
A. Init Hydro	2139.0	2118.0	2099.0	0.0	0.0
B. First Flow	85.0	80.0	57.0	0.0	0.0
B1. Final Flow	34.0	34.0	26.0	0.0	0.0
C. In Shut-in	417.0	399.0	411.0	0.0	0.0
D. Init Flow	37.0	34.0	30.0	0.0	0.0
E. Final Flow	50.0	41.0	35.0	0.0	0.0
F. Fl Shut-in	1213.0	1198.0	1199.0	0.0	0.0
G. Final Hydro	2052.0	2036.0	2008.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0923 hr
T ON BOTM 1052 hr
T OPEN 1055 hr
T PULLED 1727 hr
T OUT 1945 hr

RECOVERY
Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
290.00 ft of Gas in pipe
20.00 ft of Drilling mud

4.00 ft of Pay (est)

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	65000.00 lbs
Initial Str Wt	58000.00 lbs
Unseated Str Wt	58000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	186.00 ft
D.P. Length	4026.00 ft

BLOW DESCRIPTION
Initial Flow -
Fair to strog blow (surging), bottom of bucket in 12 minutes

* Slid tool 9' to bottom

Final Flow -
Strong blow, bottom of bucket immediately

MUD DATA----------

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	47.00 S/L
W.L.	12.00 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	9.00 ft
Btm. H. Temp.	117.00 F
Hole Condition	FAIR
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased Y	2.00 ft
Tester	GARY PEVOTEAUX
Co. Rep.	MIKE MAUNE
Contr.	DUKE DRLG.
Rig #	7
Unit #	
Pump T.	

SAMPLES: NONE
SENT TO:

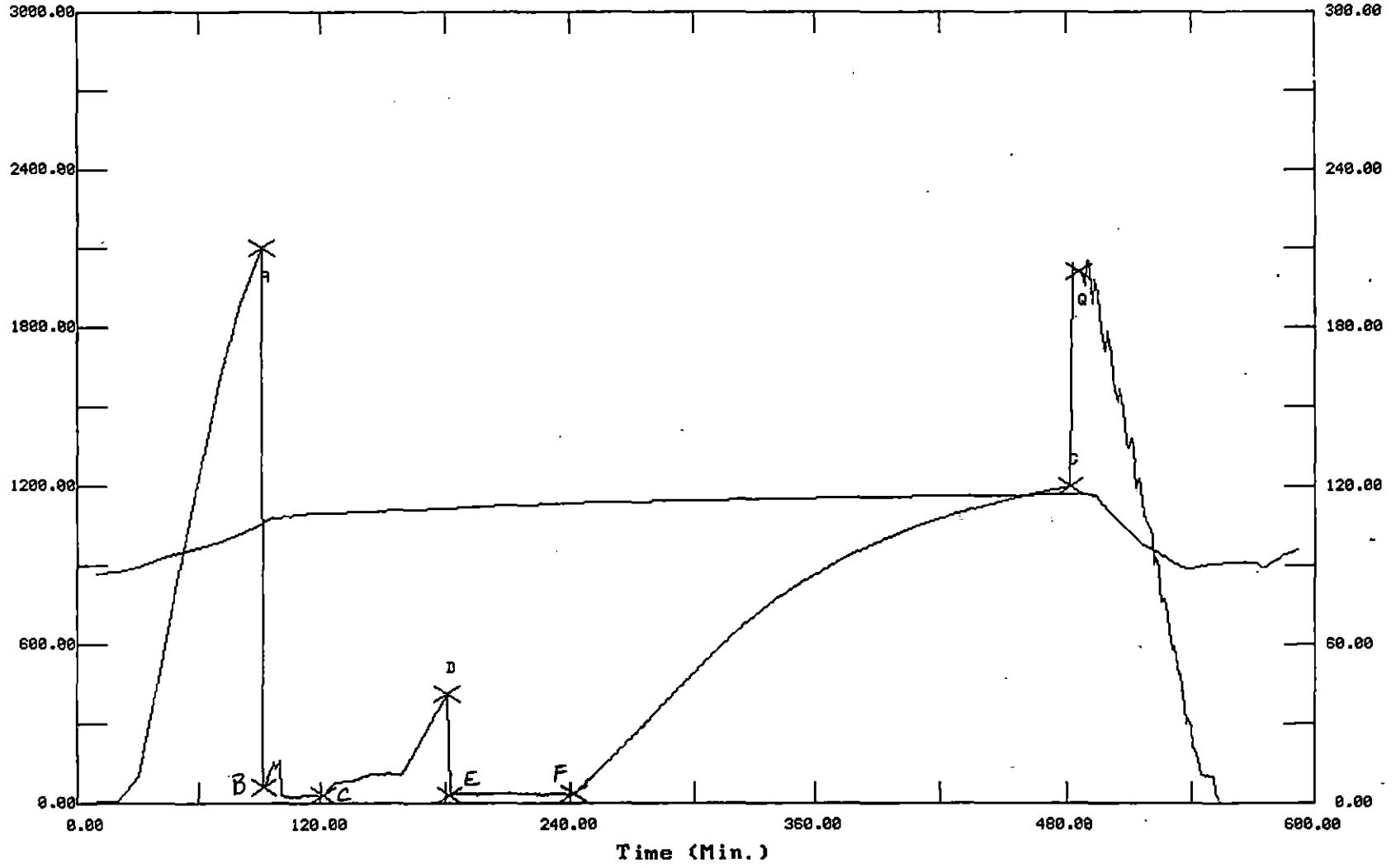
Test Successful: Y

TEST HISTORY

9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2099.45
B:	0.00	56.81
C:	29.00	25.93
D:	60.00	411.49
E:	0.00	29.62
F:	60.00	35.41
G:	240.00	1198.65
Q:	0.00	2007.80



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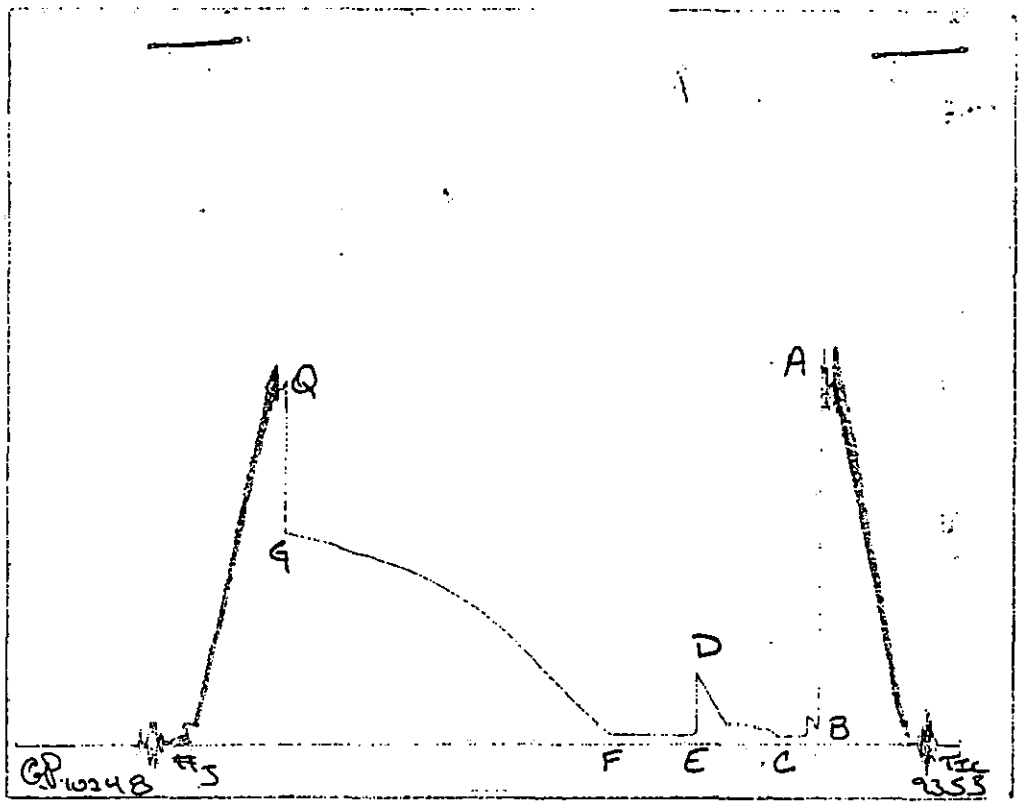


This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	91.00	2099.4	0.0	105.41		
***** Start Flow 1	0.00	56.8	0.0	106.14		
	1.00	64.4	7.6	106.74		
	2.00	94.9	38.1	107.15		
	3.00	118.3	61.5	107.45		
	4.00	132.3	75.5	107.66		
	5.00	150.9	94.1	107.82		
	6.00	129.2	72.3	107.92		
	7.00	146.4	89.6	108.00		
	8.00	160.2	103.4	108.09		
	9.00	26.4	-30.4	108.16		
	10.00	22.7	-34.2	108.27		
	11.00	22.8	-34.0	108.45		
	12.00	22.8	-34.0	108.60		
	13.00	23.9	-32.9	108.74		
	14.00	24.2	-32.6	108.86		
	15.00	22.8	-34.0	108.97		
	16.00	24.0	-32.8	109.07		
	17.00	24.4	-32.4	109.17		
	18.00	24.2	-32.6	109.25		
	19.00	26.0	-30.8	109.32		
	20.00	24.7	-32.1	109.37		
	21.00	25.8	-31.0	109.43		
	22.00	26.5	-30.3	109.48		
	23.00	27.4	-29.4	109.53		
	24.00	25.2	-31.6	109.58		
	25.00	25.6	-31.2	109.62		
	26.00	24.8	-32.1	109.65		
	27.00	24.1	-32.7	109.70		
	28.00	26.3	-30.5	109.75		
***** End Flow 1	29.00	25.9	-30.9	109.80		
***** Start Shutin 1	0.00	25.9	0.0	109.80	0.0000	0.001
	1.00	34.2	8.3	109.86	30.0000	0.001
	2.00	44.5	18.5	109.90	15.5000	0.002
	3.00	54.2	28.3	109.92	10.6667	0.003
	4.00	62.5	36.6	109.93	8.2500	0.004
	5.00	69.2	43.3	109.93	6.8000	0.005
	6.00	75.0	49.1	109.93	5.8333	0.006
	7.00	77.1	51.2	109.94	5.1429	0.006
	8.00	77.9	52.0	109.95	4.6250	0.006
	9.00	78.6	52.7	109.97	4.2222	0.006
	10.00	78.8	52.9	109.98	3.9000	0.006
	11.00	79.1	53.2	110.00	3.6364	0.006
	12.00	79.1	53.2	110.01	3.4167	0.006
	13.00	79.1	53.2	110.03	3.2308	0.006
	14.00	79.0	53.1	110.05	3.0714	0.006
	15.00	81.7	55.7	110.06	2.9333	0.007
	16.00	85.9	60.0	110.09	2.8125	0.007
	17.00	89.6	63.7	110.11	2.7059	0.008
	18.00	92.7	66.8	110.14	2.6111	0.009
	19.00	95.6	69.7	110.18	2.5263	0.009

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	98.4	72.5	110.21	2.4500	0.01
	21.00	100.5	74.6	110.23	2.3810	0.010
	22.00	102.6	76.6	110.27	2.3182	0.011
	23.00	103.9	78.0	110.31	2.2609	0.011
	24.00	105.1	79.1	110.35	2.2083	0.011
	25.00	106.2	80.3	110.40	2.1600	0.011
	26.00	107.0	81.1	110.44	2.1154	0.011
	27.00	107.6	81.7	110.48	2.0741	0.012
	28.00	108.0	82.1	110.52	2.0357	0.012
	29.00	108.3	82.4	110.56	2.0000	0.012
	30.00	108.5	82.6	110.60	1.9667	0.012
	31.00	108.8	82.9	110.63	1.9355	0.012
	32.00	108.8	82.9	110.67	1.9062	0.012
	33.00	108.7	82.8	110.71	1.8788	0.012
	34.00	108.7	82.8	110.74	1.8529	0.012
	35.00	108.7	82.8	110.77	1.8286	0.012
	36.00	108.7	82.8	110.81	1.8056	0.012
	37.00	108.6	82.7	110.84	1.7838	0.012
	38.00	108.3	82.3	110.88	1.7632	0.012
	39.00	121.5	95.6	110.91	1.7436	0.015
	40.00	135.5	109.5	110.95	1.7250	0.018
	41.00	149.6	123.7	110.97	1.7073	0.022
	42.00	163.7	137.8	111.00	1.6905	0.027
	43.00	178.1	152.2	111.01	1.6744	0.032
	44.00	192.5	166.6	111.04	1.6591	0.037
	45.00	206.0	180.1	111.06	1.6444	0.042
	46.00	219.6	193.7	111.08	1.6304	0.048
	47.00	233.4	207.5	111.11	1.6170	0.054
	48.00	247.3	221.4	111.14	1.6042	0.061
	49.00	260.8	234.8	111.17	1.5918	0.068
	50.00	274.6	248.7	111.20	1.5800	0.075
	51.00	288.9	262.9	111.23	1.5686	0.083
	52.00	303.1	277.1	111.26	1.5577	0.092
	53.00	317.2	291.2	111.29	1.5472	0.101
	54.00	331.3	305.3	111.32	1.5370	0.110
	55.00	345.0	319.1	111.36	1.5273	0.119
	56.00	358.9	332.9	111.40	1.5179	0.129
	57.00	372.5	346.5	111.44	1.5088	0.139
	58.00	386.1	360.1	111.47	1.5000	0.149
	59.00	399.7	373.7	111.52	1.4915	0.160
****** End Shut-in 1	60.00	411.5	385.6	111.55	1.4833	0.169
****** Start Flow 2	0.00	29.6	0.0	111.59		
	1.00	29.8	0.2	111.66		
	2.00	31.0	1.3	111.72		
	3.00	30.8	1.2	111.78		
	4.00	31.0	1.4	111.84		
	5.00	33.7	4.1	111.90		
	6.00	31.2	1.6	111.96		
	7.00	32.1	2.4	112.00		
	8.00	32.1	2.4	112.05		
	9.00	33.5	3.9	112.09		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	30.7	1.1	112.11		
	11.00	31.0	1.3	112.14		
	12.00	31.6	2.0	112.17		
	13.00	30.4	0.8	112.19		
	14.00	32.2	2.6	112.22		
	15.00	31.6	2.0	112.24		
	16.00	31.4	1.8	112.26		
	17.00	31.7	2.1	112.28		
	18.00	34.3	4.7	112.30		
	19.00	34.5	4.9	112.32		
	20.00	34.3	4.7	112.35		
	21.00	33.5	3.9	112.38		
	22.00	32.9	3.3	112.41		
	23.00	31.8	2.2	112.44		
	24.00	33.4	3.8	112.48		
	25.00	33.2	3.6	112.52		
	26.00	33.0	3.4	112.55		
	27.00	34.3	4.7	112.58		
	28.00	32.6	2.9	112.60		
	29.00	32.5	2.9	112.63		
	30.00	33.5	3.9	112.65		
	31.00	34.2	4.6	112.67		
	32.00	33.6	4.0	112.70		
	33.00	33.6	4.0	112.73		
	34.00	34.1	4.4	112.76		
	35.00	34.7	5.0	112.79		
	36.00	32.6	3.0	112.82		
	37.00	34.1	4.4	112.86		
	38.00	35.5	5.9	112.89		
	39.00	33.8	4.2	112.91		
	40.00	35.0	5.4	112.93		
	41.00	33.9	4.3	112.96		
	42.00	29.8	0.2	113.00		
	43.00	31.5	1.8	113.05		
	44.00	30.2	0.6	113.09		
	45.00	30.5	0.8	113.14		
	46.00	31.0	1.4	113.17		
	47.00	30.0	0.3	113.20		
	48.00	30.7	1.1	113.23		
	49.00	31.0	1.4	113.25		
	50.00	31.4	1.8	113.27		
	51.00	30.9	1.3	113.31		
	52.00	31.8	2.2	113.33		
	53.00	31.7	2.1	113.35		
	54.00	32.6	2.9	113.37		
	55.00	31.6	2.0	113.39		
	56.00	31.3	1.7	113.41		
	57.00	30.5	0.9	113.44		
	58.00	31.3	1.7	113.47		
	59.00	31.1	1.5	113.49		
****** End Flow 2	60.00	35.4	5.8	113.51		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Start Shutin 2	0.00	35.4	0.0	113.51	0.0000	0.001
	1.00	42.6	7.2	113.53	90.0000	0.002
	2.00	49.8	14.4	113.55	45.5000	0.002
	3.00	57.1	21.7	113.58	30.6667	0.003
	4.00	64.4	29.0	113.59	23.2500	0.004
	5.00	71.7	36.3	113.62	18.8000	0.005
	6.00	79.1	43.7	113.63	15.8333	0.006
	7.00	86.5	51.1	113.65	13.7143	0.007
	8.00	93.8	58.4	113.68	12.1250	0.009
	9.00	101.2	65.8	113.70	10.8889	0.010
	10.00	108.6	73.2	113.73	9.9000	0.012
	11.00	116.1	80.7	113.75	9.0909	0.013
	12.00	123.7	88.3	113.78	8.4167	0.015
	13.00	131.3	95.9	113.81	7.8462	0.017
	14.00	138.9	103.5	113.82	7.3571	0.019
	15.00	146.4	111.0	113.85	6.9333	0.021
	16.00	154.3	118.8	113.87	6.5625	0.024
	17.00	162.1	126.6	113.89	6.2353	0.026
	18.00	169.7	134.3	113.91	5.9444	0.029
	19.00	177.5	142.1	113.93	5.6842	0.032
	20.00	185.3	149.9	113.94	5.4500	0.034
	21.00	193.0	157.6	113.96	5.2381	0.037
	22.00	200.7	165.3	113.97	5.0455	0.040
	23.00	208.3	172.9	113.99	4.8696	0.043
	24.00	216.1	180.7	114.00	4.7083	0.047
	25.00	224.0	188.6	114.02	4.5600	0.050
	26.00	232.0	196.6	114.03	4.4231	0.054
	27.00	240.0	204.6	114.06	4.2963	0.058
	28.00	248.1	212.7	114.07	4.1786	0.062
	29.00	256.1	220.7	114.09	4.0690	0.066
	30.00	263.9	228.5	114.10	3.9667	0.070
	31.00	272.0	236.6	114.11	3.8710	0.074
	32.00	280.0	244.6	114.12	3.7812	0.078
	33.00	287.9	252.5	114.14	3.6970	0.083
	34.00	296.0	260.6	114.15	3.6176	0.088
	35.00	304.1	268.7	114.17	3.5429	0.092
	36.00	312.3	276.9	114.19	3.4722	0.098
	37.00	320.5	285.1	114.21	3.4054	0.103
	38.00	328.8	293.4	114.24	3.3421	0.108
	39.00	337.1	301.7	114.28	3.2821	0.114
	40.00	345.4	310.0	114.31	3.2250	0.119
	41.00	353.5	318.1	114.35	3.1707	0.125
	42.00	361.6	326.1	114.38	3.1190	0.131
	43.00	369.8	334.4	114.40	3.0698	0.137
	44.00	378.0	342.6	114.43	3.0227	0.143
	45.00	386.2	350.8	114.46	2.9778	0.149
	46.00	394.4	359.0	114.49	2.9348	0.156
	47.00	402.7	367.3	114.52	2.8936	0.162
	48.00	410.8	375.4	114.54	2.8542	0.169
	49.00	419.0	383.6	114.55	2.8163	0.176
	50.00	427.2	391.8	114.56	2.7800	0.182

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
51.00	435.3	399.9	114.58	2.7451	0.190
52.00	443.4	408.0	114.59	2.7115	0.197
53.00	451.4	416.0	114.60	2.6792	0.204
54.00	459.4	424.0	114.62	2.6481	0.211
55.00	467.6	432.1	114.62	2.6182	0.219
56.00	475.4	440.0	114.62	2.5893	0.226
57.00	483.5	448.1	114.63	2.5614	0.234
58.00	491.4	456.0	114.63	2.5345	0.241
59.00	499.2	463.8	114.63	2.5085	0.249
60.00	507.0	471.6	114.64	2.4833	0.257
61.00	514.9	479.5	114.65	2.4590	0.265
62.00	522.7	487.3	114.67	2.4355	0.273
63.00	530.4	495.0	114.68	2.4127	0.281
64.00	538.1	502.6	114.70	2.3906	0.290
65.00	545.7	510.3	114.71	2.3692	0.298
66.00	553.2	517.8	114.73	2.3485	0.306
67.00	560.7	525.3	114.74	2.3284	0.314
68.00	568.2	532.8	114.76	2.3088	0.323
69.00	575.7	540.3	114.77	2.2899	0.331
70.00	583.0	547.6	114.78	2.2714	0.340
71.00	590.4	555.0	114.78	2.2535	0.349
72.00	597.9	562.5	114.79	2.2361	0.357
73.00	605.2	569.8	114.79	2.2192	0.366
74.00	612.4	577.0	114.80	2.2027	0.375
75.00	619.5	584.1	114.80	2.1867	0.384
76.00	626.5	591.1	114.81	2.1711	0.393
77.00	633.6	598.2	114.83	2.1558	0.402
78.00	640.6	605.2	114.86	2.1410	0.410
79.00	647.5	612.1	114.88	2.1266	0.419
80.00	654.4	619.0	114.89	2.1125	0.428
81.00	661.1	625.7	114.92	2.0988	0.437
82.00	667.8	632.4	114.94	2.0854	0.446
83.00	674.5	639.1	114.95	2.0723	0.455
84.00	681.1	645.7	114.97	2.0595	0.464
85.00	687.6	652.2	115.00	2.0471	0.473
86.00	694.2	658.7	114.99	2.0349	0.482
87.00	700.5	665.0	115.00	2.0230	0.491
88.00	706.8	671.4	115.01	2.0114	0.500
89.00	713.0	677.6	115.02	2.0000	0.508
90.00	719.3	683.8	115.03	1.9889	0.517
91.00	725.3	689.9	115.04	1.9780	0.526
92.00	731.2	695.8	115.05	1.9674	0.535
93.00	737.3	701.9	115.08	1.9570	0.544
94.00	743.3	707.8	115.09	1.9468	0.552
95.00	749.0	713.6	115.10	1.9368	0.561
96.00	754.7	719.3	115.12	1.9271	0.570
97.00	760.3	724.9	115.14	1.9175	0.578
98.00	765.8	730.4	115.15	1.9082	0.586
99.00	771.4	736.0	115.16	1.8990	0.595
100.00	776.9	741.5	115.18	1.8900	0.604
101.00	782.2	746.8	115.18	1.8812	0.612

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
102.00	787.6	752.2	115.19	1.8725	0.620
103.00	792.9	757.4	115.20	1.8641	0.629
104.00	798.1	762.7	115.21	1.8558	0.637
105.00	803.3	767.9	115.22	1.8476	0.645
106.00	808.3	772.9	115.23	1.8396	0.653
107.00	813.3	777.9	115.24	1.8318	0.662
108.00	818.2	782.8	115.26	1.8241	0.669
109.00	823.1	787.7	115.27	1.8165	0.677
110.00	827.9	792.5	115.27	1.8091	0.685
111.00	832.7	797.3	115.29	1.8018	0.693
112.00	837.5	802.1	115.30	1.7946	0.701
113.00	842.1	806.7	115.32	1.7876	0.709
114.00	846.7	811.3	115.34	1.7807	0.717
115.00	851.4	815.9	115.35	1.7739	0.725
116.00	855.9	820.5	115.37	1.7672	0.733
117.00	860.8	825.3	115.40	1.7607	0.741
118.00	865.8	830.4	115.41	1.7542	0.750
119.00	870.7	835.2	115.42	1.7479	0.758
120.00	875.4	840.0	115.43	1.7417	0.766
121.00	880.1	844.7	115.43	1.7355	0.775
122.00	884.8	849.4	115.45	1.7295	0.783
123.00	889.5	854.0	115.45	1.7236	0.791
124.00	894.1	858.7	115.47	1.7177	0.799
125.00	898.4	863.0	115.48	1.7120	0.807
126.00	902.8	867.4	115.50	1.7063	0.815
127.00	907.2	871.8	115.51	1.7008	0.823
128.00	911.5	876.1	115.52	1.6953	0.831
129.00	915.8	880.4	115.54	1.6899	0.839
130.00	920.0	884.6	115.55	1.6846	0.846
131.00	924.2	888.8	115.56	1.6794	0.854
132.00	928.3	892.9	115.57	1.6742	0.862
133.00	932.3	896.9	115.58	1.6692	0.869
134.00	936.5	901.0	115.59	1.6642	0.877
135.00	940.4	905.0	115.61	1.6593	0.884
136.00	944.3	908.9	115.63	1.6544	0.892
137.00	948.1	912.7	115.64	1.6496	0.899
138.00	952.1	916.7	115.65	1.6449	0.906
139.00	955.8	920.4	115.68	1.6403	0.914
140.00	959.6	924.2	115.69	1.6357	0.921
141.00	963.3	927.9	115.71	1.6312	0.928
142.00	967.1	931.7	115.72	1.6268	0.935
143.00	970.7	935.3	115.74	1.6224	0.942
144.00	974.4	939.0	115.76	1.6181	0.949
145.00	977.9	942.5	115.77	1.6138	0.956
146.00	981.4	946.0	115.77	1.6096	0.963
147.00	984.9	949.5	115.78	1.6054	0.970
148.00	988.3	952.9	115.80	1.6014	0.977
149.00	991.8	956.4	115.81	1.5973	0.984
150.00	995.1	959.7	115.82	1.5933	0.990
151.00	998.5	963.1	115.83	1.5894	0.997
152.00	1001.8	966.4	115.85	1.5855	1.004

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
153.00	1005.0	969.6	115.91	1.5817	1.010
154.00	1008.3	972.9	115.88	1.5779	1.017
155.00	1011.4	976.0	115.89	1.5742	1.023
156.00	1014.7	979.3	115.91	1.5705	1.030
157.00	1017.7	982.3	115.93	1.5669	1.036
158.00	1020.9	985.5	115.95	1.5633	1.042
159.00	1023.8	988.4	115.95	1.5597	1.048
160.00	1026.9	991.5	115.97	1.5562	1.055
161.00	1029.8	994.4	115.97	1.5528	1.060
162.00	1032.9	997.5	115.99	1.5494	1.067
163.00	1035.7	1000.3	116.00	1.5460	1.073
164.00	1038.7	1003.3	116.01	1.5427	1.079
165.00	1041.6	1006.2	116.02	1.5394	1.085
166.00	1044.5	1009.1	116.02	1.5361	1.091
167.00	1047.4	1012.0	116.04	1.5329	1.097
168.00	1050.2	1014.8	116.05	1.5298	1.103
169.00	1052.9	1017.5	116.07	1.5266	1.109
170.00	1055.7	1020.3	116.08	1.5235	1.115
171.00	1058.4	1023.0	116.09	1.5205	1.120
172.00	1061.1	1025.7	116.10	1.5174	1.126
173.00	1063.7	1028.3	116.11	1.5145	1.131
174.00	1066.4	1031.0	116.13	1.5115	1.137
175.00	1069.1	1033.7	116.14	1.5086	1.143
176.00	1071.6	1036.2	116.15	1.5057	1.148
177.00	1074.3	1038.9	116.17	1.5028	1.154
178.00	1076.8	1041.4	116.16	1.5000	1.159
179.00	1079.3	1043.9	116.18	1.4972	1.165
180.00	1081.8	1046.4	116.19	1.4944	1.170
181.00	1084.3	1048.9	116.19	1.4917	1.176
182.00	1086.8	1051.4	116.21	1.4890	1.181
183.00	1089.2	1053.8	116.21	1.4863	1.186
184.00	1091.6	1056.2	116.22	1.4837	1.192
185.00	1094.1	1058.7	116.23	1.4811	1.197
186.00	1096.4	1061.0	116.24	1.4785	1.202
187.00	1098.8	1063.4	116.26	1.4759	1.207
188.00	1101.1	1065.7	116.26	1.4734	1.212
189.00	1103.5	1068.1	116.27	1.4709	1.218
190.00	1105.7	1070.3	116.28	1.4684	1.223
191.00	1108.0	1072.6	116.28	1.4660	1.228
192.00	1110.3	1074.9	116.29	1.4635	1.233
193.00	1112.5	1077.0	116.30	1.4611	1.238
194.00	1114.7	1079.3	116.31	1.4588	1.243
195.00	1116.8	1081.4	116.31	1.4564	1.247
196.00	1119.1	1083.7	116.33	1.4541	1.252
197.00	1121.3	1085.9	116.35	1.4518	1.257
198.00	1123.4	1088.0	116.37	1.4495	1.262
199.00	1125.5	1090.1	116.37	1.4472	1.267
200.00	1127.6	1092.2	116.38	1.4450	1.271
201.00	1129.6	1094.2	116.40	1.4428	1.276
202.00	1131.7	1096.3	116.40	1.4406	1.281
203.00	1133.8	1098.4	116.40	1.4384	1.285

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9353 DST#5 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/21/96 TIME: 09:23:45

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	204.00	1135.8	1100.4	116.42	1.4363	1.290
	205.00	1137.9	1102.5	116.43	1.4341	1.295
	206.00	1139.8	1104.4	116.47	1.4320	1.299
	207.00	1141.8	1106.4	116.45	1.4300	1.304
	208.00	1143.8	1108.4	116.46	1.4279	1.308
	209.00	1145.7	1110.3	116.47	1.4258	1.313
	210.00	1147.7	1112.3	116.48	1.4238	1.317
	211.00	1149.6	1114.2	116.51	1.4218	1.322
	212.00	1151.5	1116.1	116.51	1.4198	1.326
	213.00	1153.3	1117.9	116.52	1.4178	1.330
	214.00	1155.2	1119.8	116.54	1.4159	1.334
	215.00	1157.1	1121.7	116.55	1.4140	1.339
	216.00	1158.9	1123.5	116.55	1.4120	1.343
	217.00	1160.7	1125.3	116.56	1.4101	1.347
	218.00	1162.5	1127.1	116.57	1.4083	1.351
	219.00	1164.3	1128.9	116.57	1.4064	1.356
	220.00	1166.0	1130.6	116.58	1.4045	1.360
	221.00	1167.8	1132.4	116.60	1.4027	1.364
	222.00	1169.6	1134.2	116.61	1.4009	1.368
	223.00	1171.4	1136.0	116.62	1.3991	1.372
	224.00	1173.1	1137.7	116.63	1.3973	1.376
	225.00	1174.8	1139.4	116.64	1.3956	1.380
	226.00	1176.4	1141.0	116.65	1.3938	1.384
	227.00	1178.1	1142.7	116.66	1.3921	1.388
	228.00	1179.8	1144.4	116.68	1.3904	1.392
	229.00	1181.4	1146.0	116.68	1.3886	1.396
	230.00	1183.1	1147.7	116.70	1.3870	1.400
	231.00	1184.6	1149.2	116.71	1.3853	1.403
	232.00	1186.3	1150.9	116.73	1.3836	1.407
	233.00	1187.9	1152.5	116.73	1.3820	1.411
	234.00	1189.5	1154.1	116.77	1.3803	1.415
	235.00	1191.0	1155.6	116.77	1.3787	1.419
	236.00	1192.5	1157.1	116.79	1.3771	1.422
	237.00	1194.1	1158.7	116.80	1.3755	1.426
	238.00	1195.5	1160.1	116.81	1.3739	1.429
	239.00	1197.1	1161.6	116.82	1.3724	1.433
****** End Shut-in 2	240.00	1198.6	1163.2	116.82	1.3708	1.437
****** Final Hydro.	486.00	2007.8	0.0	116.84		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: HENDRIX C #4

LOCATION : SEC.05 TWP.34S RGE.13W

TICKET No. 9353 D.S.T. No. 5 DATE 6-21-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 16

TOTAL TOOL 43

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 43

D.C. ABOVE TOOLS.Stands3 Single 0 Total 186

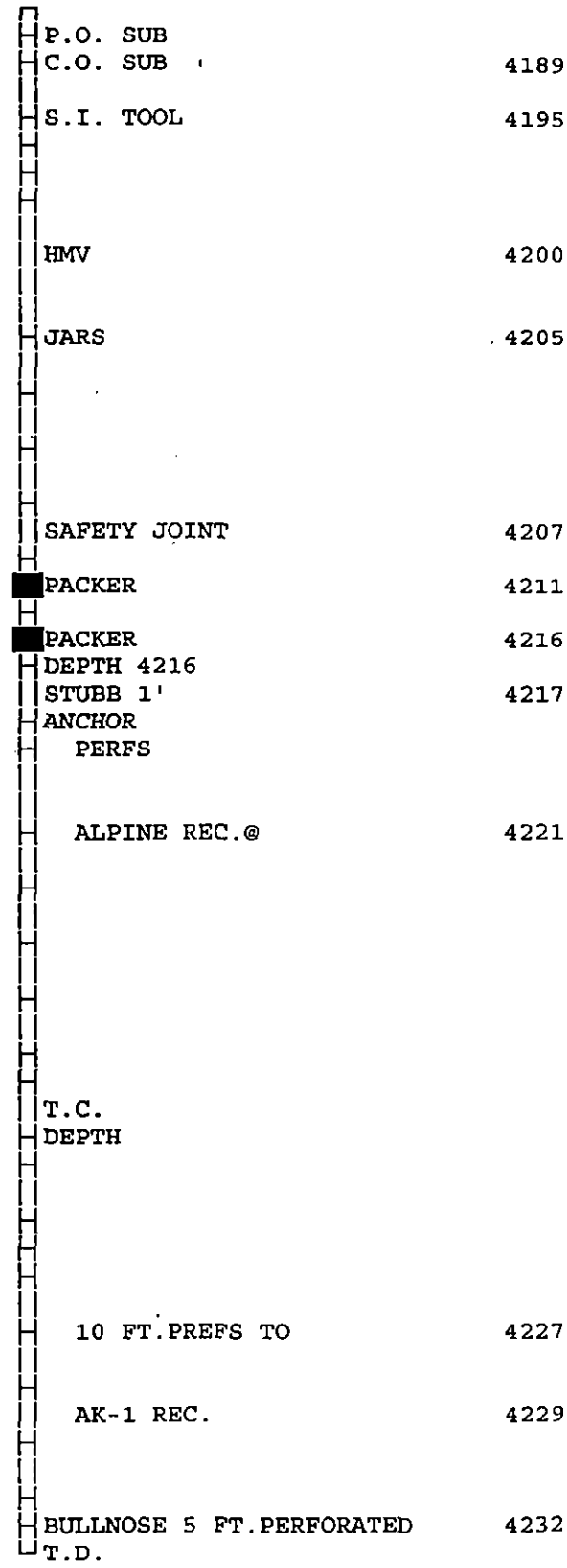
D.P. ABOVE TOOLS.Stands65 Single 0 Total 4026

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4255

TOTAL DEPTH 4232

TOTAL DRILL PIPE ABOVE K.B. 23

REMARKS:
FLUID SAMPLER DATA



TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-22-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9354 DST #6
LOCATION : 05-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Lansing A
INTERVAL : 4328.00 To 4350.00 ft TD 4350.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2351		
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 60	Clock(hrs)	12	12	Alpin		
FS 240	Depth(ft)	4347.0	4347.0	4333.0	0.0	0.0

TIME DATA----------
PF Fr. 0846 to 0916 hr
IS Fr. 0916 to 1016 hr
SF Fr. 1016 to 1116 hr
FS Fr. 1116 to 1516 hr

	Field	1	2	3	4
A. Init Hydro	2122.0	2142.0	2134.0	0.0	0.0
B. First Flow	25.0	18.0	21.0	0.0	0.0
B1. Final Flow	28.0	30.0	35.0	0.0	0.0
C. In Shut-in	1334.0	1327.0	1346.0	0.0	0.0
D. Init Flow	28.0	30.0	32.0	0.0	0.0
E. Final Flow	30.0	37.0	46.0	0.0	0.0
F. Fl Shut-in	1362.0	1373.0	1385.0	0.0	0.0
G. Final Hydro	2063.0	2069.0	2063.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0710 hr
T ON BOTM 0843 hr
T OPEN 0846 hr
T PULLED 1517 hr
T OUT 1735 hr

RECOVERY
Tot Fluid 70.00 ft of 70.00 ft in DC and 0.00 ft in DP
70.00 ft of Heavy drilling mud

6.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	70000.00 lbs
Initial Str Wt	59000.00 lbs
Unseated Str Wt	59000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	186.00 ft
D.P. Length	4119.00 ft

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Strong blow, bottom of bucket in 30 seconds; Gas to surface in 27 minutes

Final Flow -
Strong blow

MUD DATA----------

Mud Type	Chemical
Weight	9.30 lb/g
Vis.	52.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop	N
Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	FAIR
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out	N
Tool Chased	N
Tester	GARY PEVOTEAUX
Co. Rep.	MIKE MAUNE
Contr.	DUKE DRLG.
Rig #	7
Unit #	
Pump T.	

SAMPLES: GAS SAMPLE
SENT TO:CARAWAY/LIBERAL KS.

Test Successful: Y

GAS RECOVERY

OMPANY: Woolsey Petroleum Corp DATE: 6-22-96
ELL NAME: Hendrix "C" #4 KB Elev: 1906.00 ft TICKET #9354 DST #6
ELL LOCATION: 05-34S-13W, Barber Cty KS GR Elev: 1893.00 ft FORMATION: Lansing A
NTERVAL Fr.: 4328.00 To 4350.00 T.D.: 4350.00 ft TEST TYPE: CONVENTIONAL

AS RECOVERY MEASURED WITH MERLA

**** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.50	0	52	45200.0
10	0.50	0	26	31900.0
15	0.50	0	18	26600.0
20	0.50	0	16	25100.0
25	0.50	0	14	23700.0
30	0.50	0	14	23700.0
35	0.50	0	14	23700.0
40	0.50	0	13	22800.0
45	0.50	0	12	21900.0
50	0.50	0	11	20900.0
55	0.50	0	12	21900.0
60	0.50	0	12	21900.0

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L.L.C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, L.L.C.
P. O. Box 2137
Liberal, Kansas 67901
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	960357	Analyzed:	06/26/96
Sample From:	Hendrix C-4 DST 6	Pressure:	
Producer:	Woolsey Petroleum Corp.	Temperature:	
Date:		Location:	3-34S-13W
Time:		County:	Barber
Sampler:		State:	Kansas
Source:		Formation:	Lansing A

		Mole %	GPM
Helium	He:	0.927	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	9.859	0.000
Carbon Dioxide	CO2:	0.461	0.000
Methane	C1:	74.351	0.000
Ethane	C2:	5.914	1.582
Propane	C3:	4.246	1.170
Iso Butane	iC4:	0.801	0.262
Normal Butane	nC4:	1.540	0.486
Iso Pentane	iC5:	0.433	0.158
Normal Pentane	nC5:	0.567	0.205
Hexanes Plus	C6+:	0.901	0.393
	TOTAL:	100.000	4.256
	Z Fact:	0.9970	
	SP.GR.:	0.7446	
	BTU (SAT):	1111.3 @ 14.73 psia	
	BTU (DRY):	1130.9 @ 14.73 psia	
	OCTANE RATING:	109.9	

COMMENTS: No pressure in bottle, sample entered under vacuum 0.153

Caraway Analytical, 26-Jun-96

TEST HISTORY

9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2133.77
B:	0.00	21.39
C:	29.00	34.82
D:	60.00	1345.86
E:	0.00	32.22
F:	59.00	46.49
G:	240.00	1384.55
Q:	0.00	2062.60

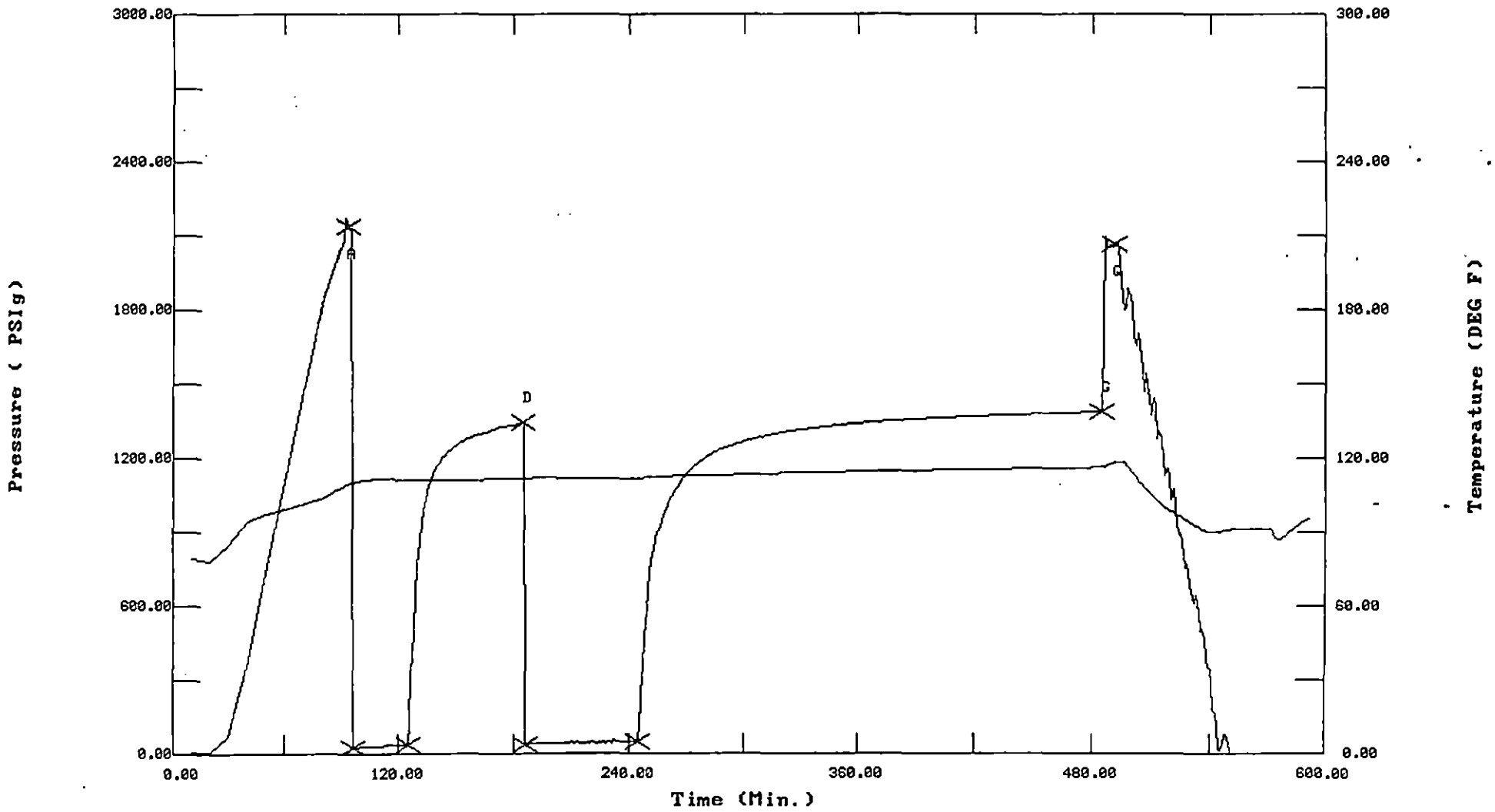
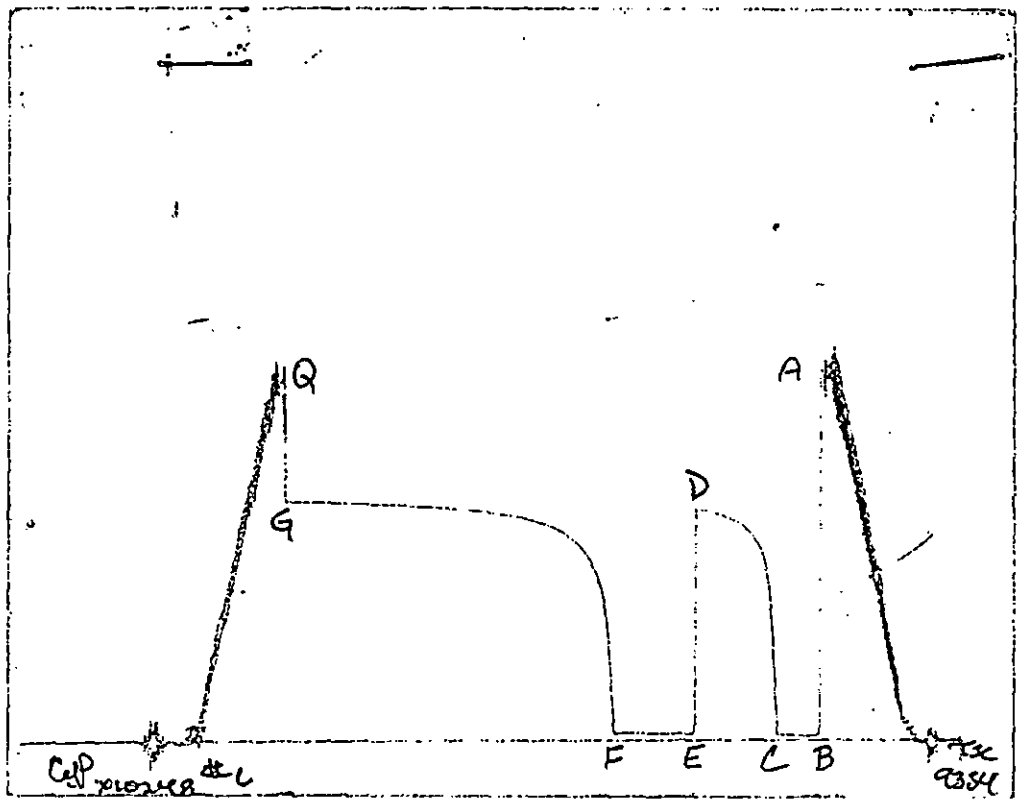


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/22/96 TIME: 07:10:50

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	93.00	2133.8	0.0	109.32		
****** Start Flow 1	0.00	21.4	0.0	109.88		
	1.00	22.0	0.6	110.06		
	2.00	24.3	2.9	110.26		
	3.00	24.3	2.9	110.44		
	4.00	26.3	5.0	110.61		
	5.00	25.8	4.4	110.76		
	6.00	26.0	4.6	110.89		
	7.00	25.9	4.5	111.00		
	8.00	27.4	6.0	111.08		
	9.00	28.9	7.6	111.16		
	10.00	28.9	7.5	111.21		
	11.00	28.7	7.3	111.26		
	12.00	29.4	8.0	111.29		
	13.00	30.2	8.8	111.31		
	14.00	29.6	8.2	111.32		
	15.00	29.7	8.3	111.33		
	16.00	30.6	9.2	111.32		
	17.00	32.1	10.7	111.32		
	18.00	31.1	9.7	111.30		
	19.00	31.1	9.7	111.28		
	20.00	31.9	10.5	111.25		
	21.00	33.0	11.6	111.22		
	22.00	33.1	11.7	111.18		
	23.00	33.3	11.9	111.13		
	24.00	33.0	11.6	111.07		
	25.00	34.3	12.9	111.02		
	26.00	33.6	12.3	110.96		
	27.00	34.5	13.1	110.92		
	28.00	35.1	13.7	110.88		
****** End Flow 1	29.00	34.8	13.4	110.84		
****** Start Shutin 1	0.00	34.8	0.0	110.84	0.0000	0.001
	1.00	126.1	91.3	110.80	30.0000	0.016
	2.00	321.7	286.9	110.78	15.5000	0.103
	3.00	496.3	461.4	110.78	10.6667	0.246
	4.00	644.4	609.6	110.79	8.2500	0.415
	5.00	765.6	730.8	110.82	6.8000	0.586
	6.00	859.9	825.1	110.85	5.8333	0.739
	7.00	933.4	898.5	110.88	5.1429	0.871
	8.00	989.0	954.2	110.92	4.6250	0.978
	9.00	1031.6	996.8	110.94	4.2222	1.064
	10.00	1064.7	1029.9	110.96	3.9000	1.134
	11.00	1091.2	1056.4	110.98	3.6364	1.191
	12.00	1113.4	1078.6	110.99	3.4167	1.240
	13.00	1132.3	1097.4	111.00	3.2308	1.282
	14.00	1148.6	1113.8	111.01	3.0714	1.319
	15.00	1163.1	1128.3	111.02	2.9333	1.353
	16.00	1176.2	1141.3	111.02	2.8125	1.383
	17.00	1187.7	1152.8	111.04	2.7059	1.411
	18.00	1198.1	1163.2	111.04	2.6111	1.435
	19.00	1207.5	1172.6	111.04	2.5263	1.458

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/22/96 TIME: 07:10:50

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	20.00	1216.0	1181.2	111.05	2.4500	1.479
	21.00	1223.7	1188.9	111.07	2.3810	1.498
	22.00	1230.8	1196.0	111.07	2.3182	1.515
	23.00	1237.3	1202.4	111.07	2.2609	1.531
	24.00	1243.1	1208.3	111.08	2.2083	1.545
	25.00	1248.7	1213.8	111.09	2.1600	1.559
	26.00	1253.7	1218.9	111.09	2.1154	1.572
	27.00	1258.4	1223.6	111.08	2.0741	1.584
	28.00	1262.9	1228.0	111.11	2.0357	1.595
	29.00	1267.0	1232.2	111.11	2.0000	1.605
	30.00	1271.1	1236.3	111.12	1.9667	1.616
	31.00	1274.7	1239.9	111.14	1.9355	1.625
	32.00	1278.5	1243.7	111.14	1.9062	1.635
	33.00	1282.5	1247.7	111.16	1.8788	1.645
	34.00	1285.9	1251.1	111.16	1.8529	1.654
	35.00	1289.0	1254.2	111.17	1.8286	1.662
	36.00	1292.0	1257.2	111.18	1.8056	1.669
	37.00	1294.7	1259.9	111.20	1.7838	1.676
	38.00	1297.3	1262.5	111.20	1.7632	1.683
	39.00	1299.8	1265.0	111.21	1.7436	1.689
	40.00	1302.0	1267.1	111.23	1.7250	1.695
	41.00	1304.1	1269.2	111.24	1.7073	1.701
	42.00	1306.0	1271.2	111.27	1.6905	1.706
	43.00	1308.5	1273.7	111.27	1.6744	1.712
	44.00	1312.4	1277.5	111.29	1.6591	1.722
	45.00	1316.0	1281.2	111.30	1.6444	1.732
	46.00	1318.8	1284.0	111.31	1.6304	1.739
	47.00	1321.2	1286.4	111.33	1.6170	1.746
	48.00	1323.5	1288.7	111.35	1.6042	1.752
	49.00	1325.6	1290.8	111.25	1.5918	1.757
	50.00	1327.3	1292.5	111.38	1.5800	1.762
	51.00	1328.2	1293.4	111.40	1.5686	1.764
	52.00	1329.3	1294.5	111.42	1.5577	1.767
	53.00	1330.5	1295.7	111.44	1.5472	1.770
	54.00	1331.4	1296.6	111.45	1.5370	1.773
	55.00	1332.6	1297.8	111.47	1.5273	1.776
	56.00	1333.9	1299.0	111.49	1.5179	1.779
	57.00	1335.0	1300.2	111.51	1.5088	1.782
	58.00	1339.2	1304.4	111.53	1.5000	1.794
	59.00	1343.2	1308.4	111.55	1.4915	1.804
****** End Shut-in 1	60.00	1345.9	1311.0	111.57	1.4833	1.811
****** Start Flow 2	0.00	32.2	0.0	111.56		
	1.00	31.8	-0.4	111.60		
	2.00	34.5	2.3	111.68		
	3.00	38.7	6.5	111.76		
	4.00	39.2	7.0	111.82		
	5.00	39.4	7.2	111.86		
	6.00	40.6	8.4	111.87		
	7.00	40.9	8.6	111.87		
	8.00	41.6	9.4	111.88		
	9.00	41.3	9.1	111.87		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/22/96 TIME: 07:10:50

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	39.2	7.0	111.87		
	11.00	40.5	8.3	111.86		
	12.00	42.2	10	111.85		
	13.00	39.3	7.0	111.84		
	14.00	40.7	8.5	111.83		
	15.00	41.0	8.8	111.81		
	16.00	41.4	9.1	111.79		
	17.00	40.9	8.7	111.76		
	18.00	39.1	6.9	111.75		
	19.00	42.0	9.7	111.74		
	20.00	41.9	9.7	111.73		
	21.00	41.0	8.8	111.72		
	22.00	39.6	7.4	111.71		
	23.00	40.1	7.9	111.69		
	24.00	43.3	11.1	111.68		
	25.00	39.4	7.2	111.66		
	26.00	40.8	8.6	111.66		
	27.00	45.1	12.9	111.65		
	28.00	40.5	8.3	111.64		
	29.00	41.4	9.1	111.63		
	30.00	42.6	10.4	111.62		
	31.00	41.0	8.8	111.61		
	32.00	40.6	8.4	111.60		
	33.00	46.3	14.1	111.60		
	34.00	42.4	10.2	111.59		
	35.00	46.4	14.2	111.57		
	36.00	46.9	14.7	111.56		
	37.00	39.4	7.1	111.55		
	38.00	41.0	8.8	111.54		
	39.00	44.1	11.8	111.53		
	40.00	41.1	8.9	111.53		
	41.00	45.1	12.9	111.53		
	42.00	42.5	10.3	111.54		
	43.00	45.7	13.5	111.54		
	44.00	42.7	10.5	111.55		
	45.00	42.6	10.4	111.56		
	46.00	49.2	17.0	111.56		
	47.00	47.5	15.3	111.57		
	48.00	45.6	13.3	111.57		
	49.00	43.0	10.7	111.59		
	50.00	44.8	12.6	111.60		
	51.00	46.8	14.6	111.60		
	52.00	46.2	14.0	111.63		
	53.00	46.0	13.8	111.63		
	54.00	44.6	12.4	111.65		
	55.00	44.7	12.5	111.65		
	56.00	43.0	10.7	111.66		
	57.00	44.6	12.4	111.68		
	58.00	44.2	12.0	111.70		
****** End Flow 2	59.00	46.5	14.3	111.71		
****** Start Shutin 2	0.00	46.5	0.0	111.71	0.0000	0.002

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/22/96 TIME: 07:10:50

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	204.7	158.2	111.74	89.0000	0.042
2.00	349.8	303.3	111.79	45.0000	0.122
3.00	474.6	428.1	111.86	30.3333	0.225
4.00	578.9	532.4	111.93	23.0000	0.335
5.00	663.9	617.4	111.99	18.6000	0.441
6.00	731.6	685.1	112.05	15.6667	0.535
7.00	785.6	739.1	112.11	13.5714	0.617
8.00	829.3	782.8	112.15	12.0000	0.688
9.00	865.8	819.3	112.20	10.7778	0.750
10.00	897.1	850.6	112.23	9.8000	0.805
11.00	924.7	878.2	112.26	9.0000	0.855
12.00	949.4	902.9	112.28	8.3333	0.901
13.00	971.6	925.1	112.32	7.7692	0.944
14.00	991.7	945.2	112.34	7.2857	0.983
15.00	1009.9	963.4	112.37	6.8667	1.020
16.00	1026.5	980.0	112.39	6.5000	1.054
17.00	1041.9	995.4	112.41	6.1765	1.085
18.00	1056.0	1009.5	112.42	5.8889	1.115
19.00	1069.2	1022.7	112.44	5.6316	1.143
20.00	1081.5	1035.0	112.46	5.4000	1.170
21.00	1092.9	1046.4	112.48	5.1905	1.194
22.00	1103.6	1057.1	112.49	5.0000	1.218
23.00	1113.7	1067.2	112.50	4.8261	1.240
24.00	1123.1	1076.6	112.52	4.6667	1.261
25.00	1132.1	1085.6	112.53	4.5200	1.282
26.00	1140.4	1093.9	112.55	4.3846	1.301
27.00	1148.3	1101.8	112.56	4.2593	1.319
28.00	1155.8	1109.3	112.58	4.1429	1.336
29.00	1162.9	1116.4	112.59	4.0345	1.352
30.00	1169.6	1123.1	112.59	3.9333	1.368
31.00	1176.0	1129.5	112.61	3.8387	1.383
32.00	1182.0	1135.5	112.64	3.7500	1.397
33.00	1187.8	1141.3	112.65	3.6667	1.411
34.00	1193.3	1146.8	112.67	3.5882	1.424
35.00	1198.5	1152.0	112.69	3.5143	1.436
36.00	1203.5	1157.0	112.72	3.4444	1.448
37.00	1208.4	1161.9	112.74	3.3784	1.460
38.00	1212.9	1166.4	112.77	3.3158	1.471
39.00	1217.3	1170.8	112.78	3.2564	1.482
40.00	1221.5	1175.0	112.81	3.2000	1.492
41.00	1225.5	1179.0	112.83	3.1463	1.502
42.00	1229.4	1182.9	112.86	3.0952	1.511
43.00	1233.2	1186.7	112.88	3.0465	1.521
44.00	1236.8	1190.3	112.90	3.0000	1.530
45.00	1240.2	1193.7	112.93	2.9556	1.538
46.00	1243.6	1197.1	112.95	2.9130	1.546
47.00	1246.7	1200.3	112.97	2.8723	1.554
48.00	1249.8	1203.3	113.00	2.8333	1.562
49.00	1248.8	1202.3	113.00	2.7959	1.559
50.00	1251.7	1205.2	113.03	2.7600	1.567
51.00	1254.5	1208.0	113.05	2.7255	1.574

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/22/96 TIME: 07:10:50

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
52.00	1257.1	1210.6	113.09	2.6923	1.580
53.00	1259.7	1213.3	113.11	2.6604	1.587
54.00	1262.2	1215.7	113.13	2.6296	1.593
55.00	1264.6	1218.1	113.15	2.6000	1.599
56.00	1267.0	1220.6	113.17	2.5714	1.605
57.00	1269.2	1222.7	113.19	2.5439	1.611
58.00	1271.4	1224.9	113.21	2.5172	1.616
59.00	1273.7	1227.2	113.23	2.4915	1.622
60.00	1275.7	1229.2	113.26	2.4667	1.627
61.00	1277.7	1231.2	113.29	2.4426	1.633
62.00	1279.6	1233.2	113.32	2.4194	1.637
63.00	1281.6	1235.1	113.35	2.3968	1.642
64.00	1283.3	1236.8	113.38	2.3750	1.647
65.00	1285.1	1238.6	113.42	2.3538	1.651
66.00	1286.9	1240.4	113.45	2.3333	1.656
67.00	1288.5	1242.0	113.47	2.3134	1.660
68.00	1290.1	1243.6	113.50	2.2941	1.664
69.00	1291.8	1245.3	113.52	2.2754	1.669
70.00	1293.3	1246.8	113.54	2.2571	1.673
71.00	1294.9	1248.4	113.57	2.2394	1.677
72.00	1296.3	1249.9	113.58	2.2222	1.680
73.00	1297.8	1251.3	113.60	2.2055	1.684
74.00	1299.2	1252.7	113.62	2.1892	1.688
75.00	1300.5	1254.0	113.65	2.1733	1.691
76.00	1301.9	1255.4	113.66	2.1579	1.695
77.00	1303.2	1256.7	113.67	2.1429	1.698
78.00	1304.5	1258.0	113.69	2.1282	1.702
79.00	1305.7	1259.3	113.70	2.1139	1.705
80.00	1307.0	1260.5	113.72	2.1000	1.708
81.00	1308.2	1261.7	113.73	2.0864	1.711
82.00	1309.3	1262.9	113.74	2.0732	1.714
83.00	1310.5	1264.0	113.87	2.0602	1.717
84.00	1311.6	1265.1	113.69	2.0476	1.720
85.00	1312.7	1266.2	113.76	2.0353	1.723
86.00	1313.9	1267.4	113.78	2.0233	1.726
87.00	1315.0	1268.5	113.80	2.0115	1.729
88.00	1316.0	1269.5	113.81	2.0000	1.732
89.00	1317.0	1270.5	113.83	1.9888	1.734
90.00	1318.0	1271.5	113.84	1.9778	1.737
91.00	1318.9	1272.4	113.86	1.9670	1.740
92.00	1320.0	1273.5	113.88	1.9565	1.742
93.00	1320.9	1274.4	113.88	1.9462	1.745
94.00	1321.9	1275.4	113.90	1.9362	1.747
95.00	1322.9	1276.4	113.92	1.9263	1.750
96.00	1323.8	1277.3	113.94	1.9167	1.752
97.00	1324.6	1278.1	113.96	1.9072	1.755
98.00	1325.5	1279.0	113.98	1.8980	1.757
99.00	1326.4	1279.9	113.99	1.8889	1.759
100.00	1327.2	1280.7	114.02	1.8800	1.762
101.00	1328.1	1281.6	114.04	1.8713	1.764
102.00	1328.9	1282.4	114.06	1.8627	1.766

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/22/96 TIME: 07:10:50

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
103.00	1329.7	1283.2	114.08	1.8544	1.768
104.00	1330.4	1283.9	114.13	1.8462	1.770
105.00	1331.3	1284.8	114.14	1.8381	1.772
106.00	1332.0	1285.5	114.16	1.8302	1.774
107.00	1332.8	1286.3	114.19	1.8224	1.776
108.00	1333.6	1287.1	114.20	1.8148	1.779
109.00	1334.3	1287.8	114.23	1.8073	1.780
110.00	1335.0	1288.5	114.26	1.8000	1.782
111.00	1335.8	1289.3	114.27	1.7928	1.784
112.00	1336.5	1290.0	114.30	1.7857	1.786
113.00	1337.2	1290.7	114.31	1.7788	1.788
114.00	1337.9	1291.4	114.32	1.7719	1.790
115.00	1338.6	1292.1	114.34	1.7652	1.792
116.00	1339.3	1292.8	114.37	1.7586	1.794
117.00	1340.1	1293.6	114.37	1.7521	1.796
118.00	1340.7	1294.2	114.39	1.7458	1.797
119.00	1341.2	1294.8	114.40	1.7395	1.799
120.00	1341.9	1295.4	114.41	1.7333	1.801
121.00	1342.6	1296.1	114.42	1.7273	1.803
122.00	1343.2	1296.7	114.43	1.7213	1.804
123.00	1343.8	1297.4	114.45	1.7154	1.806
124.00	1344.4	1297.9	114.45	1.7097	1.807
125.00	1345.0	1298.5	114.47	1.7040	1.809
126.00	1345.6	1299.1	114.48	1.6984	1.811
127.00	1346.3	1299.8	114.50	1.6929	1.812
128.00	1346.8	1300.3	114.51	1.6875	1.814
129.00	1347.4	1300.9	114.52	1.6822	1.815
130.00	1347.8	1301.3	114.52	1.6769	1.817
131.00	1348.5	1302.0	114.54	1.6718	1.818
132.00	1349.0	1302.5	114.56	1.6667	1.820
133.00	1349.6	1303.1	114.57	1.6617	1.821
134.00	1350.1	1303.7	114.58	1.6567	1.823
135.00	1350.6	1304.2	114.59	1.6519	1.824
136.00	1351.1	1304.7	114.60	1.6471	1.826
137.00	1351.6	1305.2	114.62	1.6423	1.827
138.00	1352.2	1305.7	114.63	1.6377	1.828
139.00	1352.7	1306.2	114.64	1.6331	1.830
140.00	1353.2	1306.8	114.65	1.6286	1.831
141.00	1353.7	1307.3	114.67	1.6241	1.833
142.00	1354.3	1307.8	114.68	1.6197	1.834
143.00	1354.7	1308.2	114.69	1.6154	1.835
144.00	1355.2	1308.7	114.69	1.6111	1.836
145.00	1355.7	1309.2	114.71	1.6069	1.838
146.00	1356.1	1309.6	114.72	1.6027	1.839
147.00	1356.5	1310.0	114.73	1.5986	1.840
148.00	1357.0	1310.5	114.74	1.5946	1.842
149.00	1357.4	1311.0	114.76	1.5906	1.843
150.00	1358.0	1311.5	114.78	1.5867	1.844
151.00	1358.4	1312.0	114.78	1.5828	1.845
152.00	1358.8	1312.3	114.79	1.5789	1.846
153.00	1359.2	1312.7	114.81	1.5752	1.847

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/22/96 TIME: 07:10:50

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
154.00	1359.6	1313.1	114.82	1.5714	1.849
155.00	1360.0	1313.6	114.84	1.5677	1.850
156.00	1360.5	1314.0	114.85	1.5641	1.851
157.00	1360.9	1314.4	114.87	1.5605	1.852
158.00	1361.3	1314.8	114.89	1.5570	1.853
159.00	1361.7	1315.2	114.90	1.5535	1.854
160.00	1362.1	1315.7	114.93	1.5500	1.855
161.00	1362.6	1316.1	114.93	1.5466	1.857
162.00	1363.0	1316.5	114.94	1.5432	1.858
163.00	1363.3	1316.8	114.95	1.5399	1.859
164.00	1363.7	1317.2	114.98	1.5366	1.860
165.00	1364.1	1317.6	114.99	1.5333	1.861
166.00	1364.5	1318.0	115.01	1.5301	1.862
167.00	1364.8	1318.3	115.03	1.5269	1.863
168.00	1365.2	1318.8	115.04	1.5238	1.864
169.00	1365.6	1319.1	115.06	1.5207	1.865
170.00	1365.9	1319.4	115.06	1.5176	1.866
171.00	1366.4	1319.9	115.07	1.5146	1.867
172.00	1366.8	1320.3	115.09	1.5116	1.868
173.00	1367.1	1320.6	115.11	1.5087	1.869
174.00	1367.4	1320.9	115.13	1.5057	1.870
175.00	1367.8	1321.4	115.15	1.5029	1.871
176.00	1368.2	1321.7	115.17	1.5000	1.872
177.00	1368.4	1321.9	115.18	1.4972	1.873
178.00	1368.9	1322.4	115.19	1.4944	1.874
179.00	1369.2	1322.7	115.21	1.4916	1.875
180.00	1369.5	1323.0	115.22	1.4889	1.876
181.00	1369.9	1323.4	115.24	1.4862	1.877
182.00	1370.3	1323.8	115.25	1.4835	1.878
183.00	1370.5	1324.0	115.27	1.4809	1.878
184.00	1370.9	1324.4	115.29	1.4783	1.879
185.00	1371.1	1324.6	115.29	1.4757	1.880
186.00	1371.5	1325.0	115.31	1.4731	1.881
187.00	1371.8	1325.3	115.33	1.4706	1.882
188.00	1372.0	1325.6	115.35	1.4681	1.883
189.00	1372.3	1325.8	115.36	1.4656	1.883
190.00	1372.6	1326.1	115.37	1.4632	1.884
191.00	1373.0	1326.5	115.39	1.4607	1.885
192.00	1373.2	1326.7	115.40	1.4583	1.886
193.00	1373.5	1327.0	115.41	1.4560	1.886
194.00	1373.9	1327.4	115.42	1.4536	1.888
195.00	1374.1	1327.6	115.44	1.4513	1.888
196.00	1374.4	1327.9	115.44	1.4490	1.889
197.00	1374.6	1328.2	115.46	1.4467	1.890
198.00	1374.9	1328.4	115.47	1.4444	1.890
199.00	1375.3	1328.8	115.49	1.4422	1.891
200.00	1375.5	1329.0	115.52	1.4400	1.892
201.00	1375.7	1329.2	115.53	1.4378	1.892
202.00	1376.0	1329.5	115.55	1.4356	1.893
203.00	1376.2	1329.8	115.56	1.4335	1.894
204.00	1376.5	1330.0	115.58	1.4314	1.895

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9354 DST#6 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/22/96 TIME: 07:10:50

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	205.00	1376.8	1330.3	115.60	1.4293	1.896
	206.00	1377.0	1330.5	115.62	1.4272	1.896
	207.00	1377.4	1330.9	115.65	1.4251	1.897
	208.00	1377.6	1331.1	115.67	1.4231	1.898
	209.00	1377.8	1331.3	115.68	1.4211	1.898
	210.00	1378.0	1331.5	115.70	1.4190	1.899
	211.00	1378.3	1331.8	115.71	1.4171	1.900
	212.00	1378.6	1332.1	115.73	1.4151	1.901
	213.00	1378.8	1332.4	115.74	1.4131	1.901
	214.00	1379.1	1332.6	115.75	1.4112	1.902
	215.00	1379.3	1332.8	115.76	1.4093	1.902
	216.00	1379.5	1333.0	115.78	1.4074	1.903
	217.00	1379.7	1333.2	115.79	1.4055	1.904
	218.00	1380.0	1333.5	115.81	1.4037	1.904
	219.00	1380.2	1333.7	115.80	1.4018	1.905
	220.00	1380.4	1333.9	115.82	1.4000	1.906
	221.00	1380.7	1334.2	115.85	1.3982	1.906
	222.00	1380.9	1334.5	115.85	1.3964	1.907
	223.00	1381.1	1334.6	115.87	1.3946	1.907
	224.00	1381.3	1334.8	115.89	1.3929	1.908
	225.00	1381.6	1335.1	115.90	1.3911	1.909
	226.00	1381.8	1335.3	115.92	1.3894	1.909
	227.00	1381.9	1335.5	115.93	1.3877	1.910
	228.00	1382.2	1335.7	115.95	1.3860	1.910
	229.00	1382.5	1336.0	115.96	1.3843	1.911
	230.00	1382.6	1336.1	115.95	1.3826	1.912
	231.00	1382.8	1336.3	115.97	1.3810	1.912
	232.00	1383.0	1336.6	115.99	1.3793	1.913
	233.00	1383.2	1336.7	116.01	1.3777	1.913
	234.00	1383.4	1336.9	116.01	1.3761	1.914
	235.00	1383.6	1337.1	116.03	1.3745	1.914
	236.00	1383.8	1337.3	116.05	1.3729	1.915
	237.00	1384.0	1337.6	116.06	1.3713	1.916
	238.00	1384.2	1337.7	116.06	1.3697	1.916
	239.00	1384.5	1338.0	116.08	1.3682	1.917
****** End Shut-in 2	240.00	1384.5	1338.1	116.09	1.3667	1.917
****** Final Hydro.	491.00	2062.6	0.0	118.02		

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: Hendrix "C" #4

OCATION : 05-34S-13W, Barber Cty KS

ICKET No. 9354 D.S.T. No. 6 DATE 6-22-96

OTAL TOOL TO BOTTOM OF TOP PACKERS 27

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 22

OTAL TOOL 49

RILL COLLAR ANCHOR IN INTERVAL .....

).C. ANCHOR STND.Stands Single Total

).P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY 49

).C. ABOVE TOOLS.Stands3 Single 0 Total 186

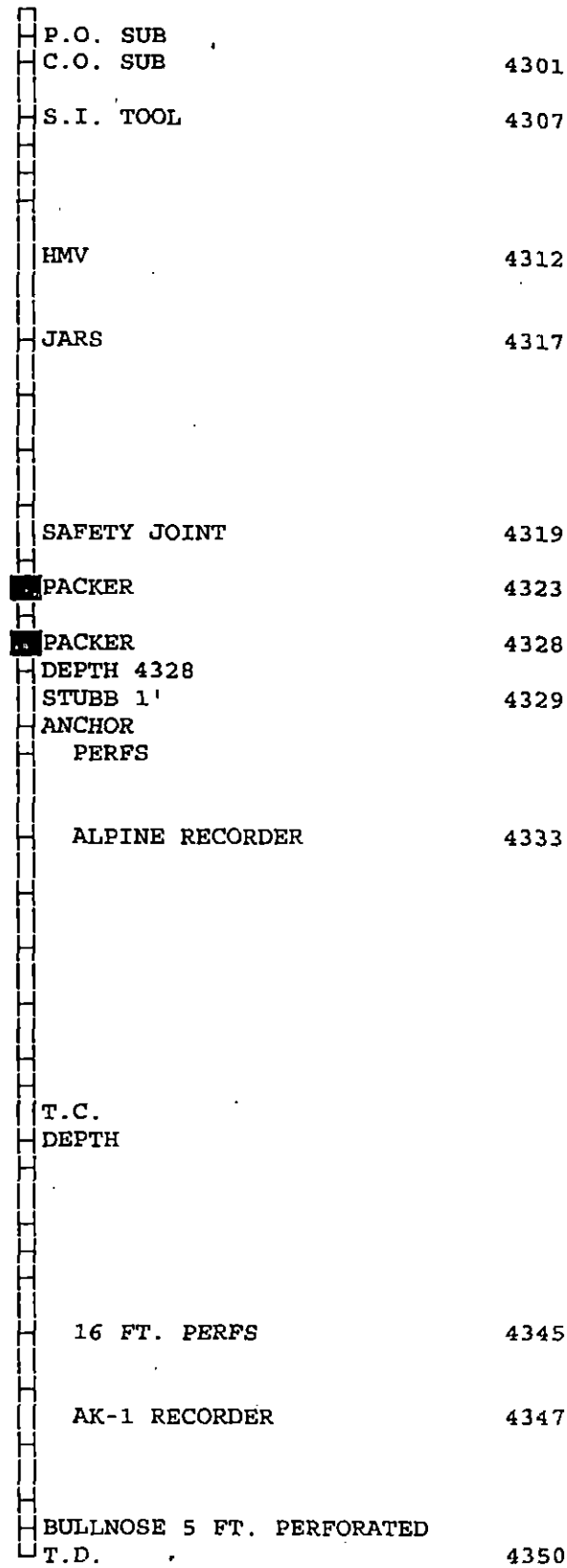
).P. ABOVE TOOLS.Stands66 Single 1 Total 4119

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4354

OTAL DEPTH 4350

OTAL DRILL PIPE ABOVE K.B. 4

EMARKS:



TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-24-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9355 DST #7
LOCATION : 05-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Mississippi
INTERVAL : 4854.00 To 4920.00 ft TD 4920.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4
PF 30	Rec.	10248	10248	2351		
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF 60	Clock(hrs)	12	12	Alpin		
FS 250	Depth(ft)	4917.0	4917.0	4860.0	0.0	0.0

TIME DATA----------
PF Fr. 1118 to 1148 hr
IS Fr. 1148 to 1248 hr
SF Fr. 1248 to 1348 hr
FS Fr. 1348 to 1758 hr

	Field	1	2	3	4
A. Init Hydro	2360.0	2373.0	2427.0	0.0	0.0
B. First Flow	34.0	38.0	34.0	0.0	0.0
B1. Final Flow	37.0	41.0	39.0	0.0	0.0
C. In Shut-in	281.0	270.0	272.0	0.0	0.0
D. Init Flow	39.0	41.0	38.0	0.0	0.0
E. Final Flow	39.0	44.0	44.0	0.0	0.0
F. Fl Shut-in	751.0	753.0	753.0	0.0	0.0
G. Final Hydro	2287.0	2318.0	2308.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0924 hr
T ON BOTM 1115 hr
T OPEN 1118 hr
T PULLED 1759 hr
T OUT 2010 hr

RECOVERY
Tot Fluid 40.00 ft of 40.00 ft in DC and 0.00 ft in DP
80.00 ft of Gas in pipe
40.00 ft of Drilling mud

6.00 ft of Pay (est)

TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	70000.00 lbs
Initial Str Wt	63000.00 lbs
Unseated Str Wt	63000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	155.00 ft
D.P. Length	4700.00 ft

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA----------

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	51.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	

BLOW DESCRIPTION
Initial Flow -
Weak to fair blow, slow increase to 8" in water

Final Flow -
Weak to fair blow, slow increase to 10" in water

Amt. of fill	0.00 ft
Btm. H. Temp.	124.00 F
Hole Condition	FAIR
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	
Tester	GARY PEVOTEAUX
Co. Rep.	MIKE MAUNE
Contr.	DUKE DRLG.
Rig #	7
Unit #	
Pump T.	

SAMPLES: NONE
SENT TO:

Test Successful: Y

TEST HISTORY

9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2426.93
B:	0.00	33.65
C:	28.00	39.44
D:	60.00	272.42
E:	0.00	38.18
F:	59.00	43.63
G:	251.00	752.74
Q:	0.00	2309.01

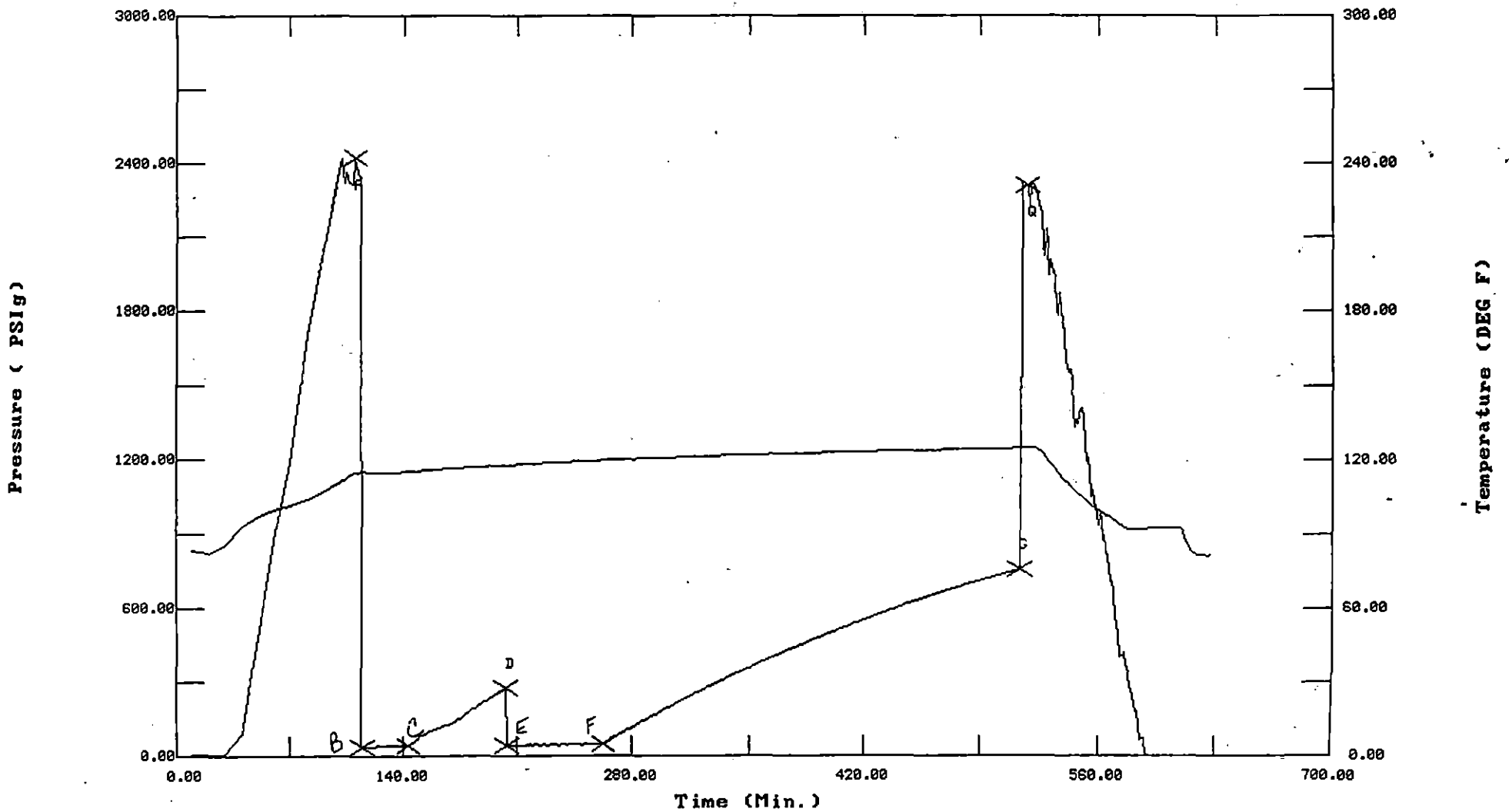
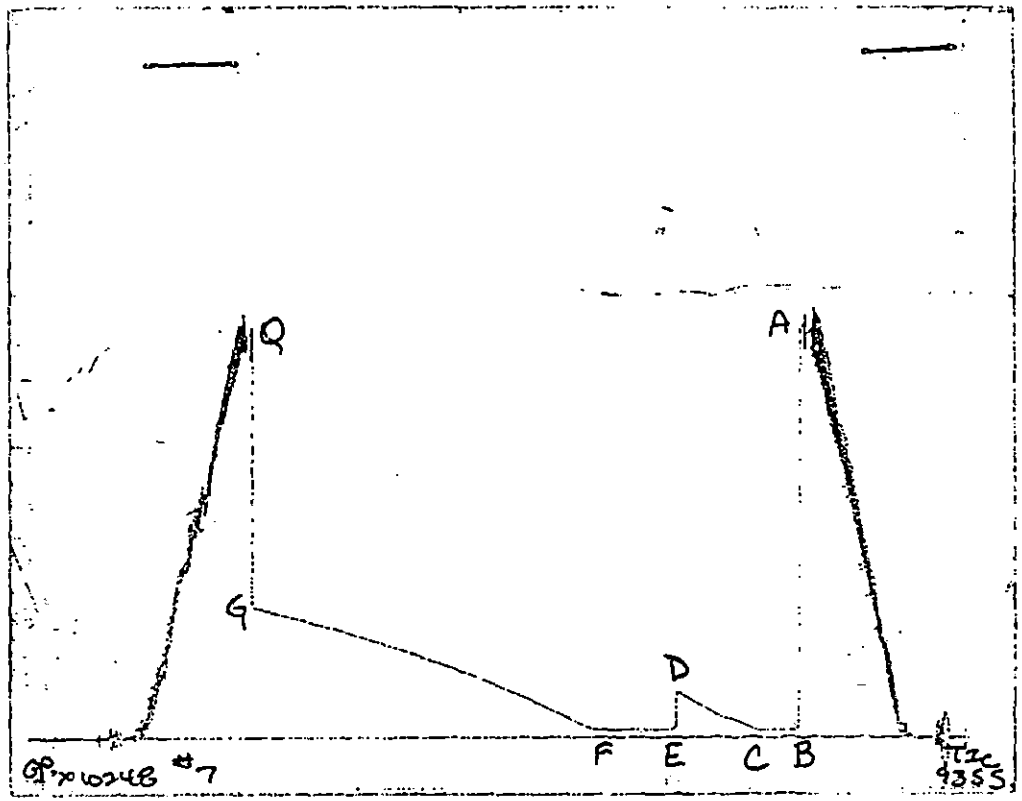


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/24/96 TIME: 09:24:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	110.00	2426.9	0.0	114.39		
***** Start Flow 1	0.00	33.6	0.0	114.89		
	1.00	34.5	0.8	114.85		
	2.00	34.9	1.3	114.79		
	3.00	35.3	1.7	114.74		
	4.00	35.6	1.9	114.68		
	5.00	36.0	2.3	114.63		
	6.00	36.0	2.3	114.59		
	7.00	36.1	2.4	114.55		
	8.00	36.4	2.8	114.53		
	9.00	36.8	3.1	114.51		
	10.00	37.1	3.4	114.51		
	11.00	37.0	3.4	114.50		
	12.00	36.8	3.1	114.51		
	13.00	37.1	3.4	114.52		
	14.00	37.3	3.7	114.54		
	15.00	37.5	3.9	114.56		
	16.00	37.7	4.0	114.58		
	17.00	37.8	4.1	114.61		
	18.00	37.9	4.3	114.65		
	19.00	38.0	4.4	114.68		
	20.00	38.1	4.4	114.71		
	21.00	38.4	4.8	114.75		
	22.00	38.3	4.7	114.79		
	23.00	38.5	4.9	114.83		
	24.00	38.6	5.0	114.87		
	25.00	38.8	5.1	114.92		
	26.00	38.9	5.3	114.96		
	27.00	38.8	5.2	115.00		
****** End Flow 1	28.00	39.4	5.8	115.05		
****** Start Shutin 1	0.00	39.4	0.0	115.05	0.0000	0.002
	1.00	43.0	3.6	115.10	29.0000	0.002
	2.00	48.7	9.2	115.14	15.0000	0.002
	3.00	54.3	14.9	115.19	10.3333	0.003
	4.00	59.7	20.3	115.23	8.0000	0.004
	5.00	65.0	25.6	115.28	6.6000	0.004
	6.00	69.9	30.5	115.33	5.6667	0.005
	7.00	74.6	35.2	115.38	5.0000	0.006
	8.00	79.0	39.5	115.43	4.5000	0.006
	9.00	83.1	43.6	115.47	4.1111	0.007
	10.00	86.8	47.3	115.52	3.8000	0.008
	11.00	90.4	50.9	115.57	3.5455	0.008
	12.00	93.7	54.2	115.62	3.3333	0.009
	13.00	96.8	57.3	115.67	3.1538	0.009
	14.00	99.7	60.3	115.72	3.0000	0.01
	15.00	102.5	63.0	115.77	2.8667	0.010
	16.00	105.1	65.6	115.81	2.7500	0.011
	17.00	107.5	68.1	115.86	2.6471	0.012
	18.00	109.9	70.4	115.91	2.5556	0.012
	19.00	112.2	72.8	115.95	2.4737	0.013
	20.00	114.6	75.2	115.98	2.4000	0.013

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/24/96 TIME: 09:24:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	21.00	116.9	77.5	116.05	2.3333	0.014
	22.00	119.3	79.9	116.09	2.2727	0.014
	23.00	121.7	82.2	116.14	2.2174	0.015
	24.00	124.1	84.7	116.18	2.1667	0.015
	25.00	126.4	86.9	116.23	2.1200	0.016
	26.00	128.5	89.0	116.27	2.0769	0.017
	27.00	130.8	91.3	116.32	2.0370	0.017
	28.00	133.1	93.7	116.36	2.0000	0.018
	29.00	135.5	96.0	116.40	1.9655	0.018
	30.00	140.4	101.0	116.45	1.9333	0.020
	31.00	145.4	106.0	116.49	1.9032	0.021
	32.00	150.3	110.9	116.54	1.8750	0.023
	33.00	154.8	115.4	116.57	1.8485	0.024
	34.00	159.5	120.1	116.62	1.8235	0.025
	35.00	164.2	124.8	116.67	1.8000	0.027
	36.00	169.0	129.6	116.70	1.7778	0.029
	37.00	173.6	134.2	116.75	1.7568	0.030
	38.00	178.1	138.6	116.79	1.7368	0.032
	39.00	182.6	143.2	116.83	1.7179	0.033
	40.00	187.2	147.8	116.87	1.7000	0.035
	41.00	191.6	152.2	116.91	1.6829	0.037
	42.00	196.0	156.6	116.96	1.6667	0.038
	43.00	200.6	161.1	117.00	1.6512	0.040
	44.00	205.0	165.6	117.04	1.6364	0.042
	45.00	209.5	170.0	117.08	1.6222	0.044
	46.00	213.8	174.3	117.12	1.6087	0.046
	47.00	218.2	178.8	117.16	1.5957	0.048
	48.00	222.7	183.2	117.20	1.5833	0.050
	49.00	226.9	187.5	117.24	1.5714	0.051
	50.00	231.3	191.9	117.28	1.5600	0.053
	51.00	235.5	196.1	117.32	1.5490	0.055
	52.00	239.7	200.3	117.36	1.5385	0.057
	53.00	244.0	204.5	117.40	1.5283	0.060
	54.00	248.1	208.6	117.43	1.5185	0.062
	55.00	252.2	212.8	117.48	1.5091	0.064
	56.00	256.4	217.0	117.51	1.5000	0.066
	57.00	260.4	221.0	117.55	1.4912	0.068
	58.00	264.5	225.1	117.59	1.4828	0.070
	59.00	268.4	229.0	117.63	1.4746	0.072
****** End Shut-in 1	60.00	272.4	233.0	117.67	1.4667	0.074
****** Start Flow 2	0.00	38.2	0.0	117.70		
	1.00	40.0	1.8	117.72		
	2.00	38.7	0.5	117.74		
	3.00	40.3	2.1	117.76		
	4.00	39.3	1.1	117.79		
	5.00	38.2	0.0	117.82		
	6.00	41.0	2.9	117.86		
	7.00	39.4	1.3	117.89		
	8.00	42.0	3.8	117.92		
	9.00	38.9	0.8	117.96		
	10.00	41.8	3.6	118.00		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/24/96 TIME: 09:24:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	11.00	40.0	1.8	118.04		
	12.00	43.0	4.8	118.07		
	13.00	40.6	2.4	118.11		
	14.00	43.0	4.9	118.16		
	15.00	41.0	2.9	118.19		
	16.00	41.9	3.7	118.23		
	17.00	43.2	5.0	118.27		
	18.00	44.3	6.1	118.31		
	19.00	41.8	3.6	118.34		
	20.00	41.1	2.9	118.38		
	21.00	42.2	4.0	118.42		
	22.00	43.6	5.5	118.45		
	23.00	44.7	6.5	118.49		
	24.00	42.0	3.9	118.53		
	25.00	41.4	3.2	118.57		
	26.00	42.5	4.3	118.60		
	27.00	43.5	5.4	118.64		
	28.00	44.5	6.3	118.68		
	29.00	45.1	6.9	118.72		
	30.00	43.5	5.3	118.75		
	31.00	41.7	3.5	118.78		
	32.00	42.6	4.4	118.81		
	33.00	43.8	5.6	118.85		
	34.00	44.7	6.5	118.89		
	35.00	42.8	4.6	118.91		
	36.00	42.5	4.4	118.95		
	37.00	43.0	4.8	118.99		
	38.00	43.8	5.6	119.02		
	39.00	44.4	6.2	119.05		
	40.00	45.1	6.9	119.08		
	41.00	45.6	7.5	119.12		
	42.00	45.1	7.0	119.15		
	43.00	44.2	6.0	119.18		
	44.00	43.0	4.8	119.21		
	45.00	42.5	4.3	119.24		
	46.00	42.6	4.4	119.27		
	47.00	43.8	5.6	119.30		
	48.00	44.3	6.1	119.34		
	49.00	44.6	6.5	119.37		
	50.00	45.1	6.9	119.40		
	51.00	45.5	7.3	119.43		
	52.00	45.7	7.6	119.46		
	53.00	46.2	8.0	119.49		
	54.00	46.2	8.1	119.52		
	55.00	46.5	8.3	119.55		
	56.00	45.3	7.1	119.58		
	57.00	45.6	7.4	119.60		
	58.00	43.0	4.8	119.63		
****** End Flow 2	59.00	43.6	5.5	119.66		
****** Start Shutin 2	0.00	43.6	0.0	119.66	0.0000	0.002
	1.00	47.6	3.9	119.69	88.0000	0.002

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/24/96 TIME: 09:24:52

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
2.00	51.9	8.2	119.72	44.5000	0.003
3.00	56.1	12.4	119.75	30.0000	0.003
4.00	60.3	16.6	119.78	22.7500	0.004
5.00	64.4	20.8	119.81	18.4000	0.004
6.00	68.6	24.9	119.84	15.5000	0.005
7.00	72.7	29.0	119.87	13.4286	0.005
8.00	76.6	33.0	119.90	11.8750	0.006
9.00	80.7	37.1	119.93	10.6667	0.007
10.00	84.8	41.1	119.96	9.7000	0.007
11.00	88.7	45.1	119.99	8.9091	0.008
12.00	92.6	49.0	120.02	8.2500	0.009
13.00	96.7	53.0	120.03	7.6923	0.009
14.00	100.5	56.9	120.07	7.2143	0.010
15.00	104.5	60.8	120.10	6.8000	0.011
16.00	108.4	64.8	120.12	6.4375	0.012
17.00	112.3	68.7	120.15	6.1176	0.013
18.00	116.1	72.4	120.18	5.8333	0.013
19.00	120.0	76.4	120.20	5.5789	0.014
20.00	123.8	80.2	120.23	5.3500	0.015
21.00	127.5	83.8	120.26	5.1429	0.016
22.00	131.4	87.8	120.29	4.9545	0.017
23.00	135.2	91.6	120.31	4.7826	0.018
24.00	139.1	95.4	120.33	4.6250	0.019
25.00	142.9	99.3	120.36	4.4800	0.020
26.00	146.6	103.0	120.39	4.3462	0.021
27.00	150.4	106.8	120.41	4.2222	0.023
28.00	154.0	110.4	120.44	4.1071	0.024
29.00	157.7	114.1	120.46	4.0000	0.025
30.00	161.5	117.8	120.49	3.9000	0.026
31.00	165.1	121.4	120.51	3.8065	0.027
32.00	168.7	125.1	120.54	3.7188	0.028
33.00	172.4	128.7	120.56	3.6364	0.030
34.00	175.9	132.3	120.58	3.5588	0.031
35.00	179.7	136.0	120.61	3.4857	0.032
36.00	183.4	139.7	120.64	3.4167	0.034
37.00	186.9	143.3	120.66	3.3514	0.035
38.00	190.4	146.8	120.69	3.2895	0.036
39.00	194.0	150.4	120.71	3.2308	0.038
40.00	197.5	153.8	120.73	3.1750	0.039
41.00	201.2	157.5	120.75	3.1220	0.040
42.00	204.7	161.1	120.78	3.0714	0.042
43.00	208.5	164.8	120.81	3.0233	0.043
44.00	211.9	168.3	120.83	2.9773	0.045
45.00	215.5	171.9	120.86	2.9333	0.046
46.00	219.0	175.3	120.87	2.8913	0.048
47.00	222.4	178.8	120.90	2.8511	0.049
48.00	225.9	182.3	120.92	2.8125	0.051
49.00	229.5	185.8	120.94	2.7755	0.053
50.00	233.0	189.3	120.97	2.7400	0.054
51.00	236.5	192.9	120.99	2.7059	0.056
52.00	239.9	196.3	121.01	2.6731	0.058

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/24/96 TIME: 09:24:52

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
53.00	243.2	199.6	121.04	2.6415	0.059
54.00	246.7	203.1	121.06	2.6111	0.061
55.00	250.3	206.6	121.08	2.5818	0.063
56.00	253.5	209.8	121.10	2.5536	0.064
57.00	256.8	213.2	121.13	2.5263	0.066
58.00	260.2	216.5	121.16	2.5000	0.068
59.00	263.7	220.1	121.18	2.4746	0.070
60.00	267.0	223.3	121.20	2.4500	0.071
61.00	270.4	226.8	121.22	2.4262	0.073
62.00	273.8	230.1	121.24	2.4032	0.075
63.00	277.1	233.5	121.27	2.3810	0.077
64.00	280.5	236.8	121.29	2.3594	0.079
65.00	284.2	240.5	121.31	2.3385	0.081
66.00	287.3	243.6	121.33	2.3182	0.083
67.00	290.4	246.7	121.35	2.2985	0.084
68.00	293.7	250.1	121.38	2.2794	0.086
69.00	297.0	253.4	121.40	2.2609	0.088
70.00	300.2	256.6	121.42	2.2429	0.090
71.00	303.4	259.8	121.44	2.2254	0.092
72.00	306.7	263.1	121.46	2.2083	0.094
73.00	310.0	266.4	121.48	2.1918	0.096
74.00	313.2	269.6	121.50	2.1757	0.098
75.00	316.6	272.9	121.53	2.1600	0.100
76.00	319.7	276.0	121.55	2.1447	0.102
77.00	322.9	279.2	121.57	2.1299	0.104
78.00	326.1	282.5	121.59	2.1154	0.106
79.00	329.4	285.8	121.61	2.1013	0.109
80.00	332.6	289.0	121.63	2.0875	0.111
81.00	335.8	292.2	121.65	2.0741	0.113
82.00	339.0	295.3	121.68	2.0610	0.115
83.00	342.2	298.6	121.69	2.0482	0.117
84.00	345.4	301.7	121.72	2.0357	0.119
85.00	348.5	304.8	121.74	2.0235	0.121
86.00	351.8	308.2	121.75	2.0116	0.124
87.00	354.8	311.2	121.78	2.0000	0.126
88.00	358.3	314.6	121.80	1.9886	0.128
89.00	361.3	317.7	121.82	1.9775	0.131
90.00	364.3	320.7	121.83	1.9667	0.133
91.00	367.4	323.8	121.86	1.9560	0.135
92.00	370.4	326.7	121.88	1.9457	0.137
93.00	373.6	329.9	121.90	1.9355	0.140
94.00	376.6	332.9	121.92	1.9255	0.142
95.00	379.6	336.0	121.95	1.9158	0.144
96.00	382.5	338.9	121.96	1.9062	0.146
97.00	385.7	342.1	121.98	1.8969	0.149
98.00	388.7	345.0	122.01	1.8878	0.151
99.00	391.7	348.0	122.03	1.8788	0.153
100.00	394.7	351.1	122.05	1.8700	0.156
101.00	398.0	354.3	122.06	1.8614	0.158
102.00	401.3	357.7	122.08	1.8529	0.161
103.00	404.2	360.6	122.10	1.8447	0.163

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/24/96 TIME: 09:24:52

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
104.00	407.2	363.6	122.12	1.8365	0.166
105.00	410.2	366.6	122.14	1.8286	0.168
106.00	413.2	369.5	122.16	1.8208	0.171
107.00	416.1	372.5	122.18	1.8131	0.173
108.00	419.0	375.3	122.20	1.8056	0.176
109.00	421.9	378.3	122.22	1.7982	0.178
110.00	425.0	381.4	122.23	1.7909	0.181
111.00	427.8	384.1	122.27	1.7838	0.183
112.00	430.6	387.0	122.28	1.7768	0.185
113.00	433.5	389.8	122.29	1.7699	0.188
114.00	436.2	392.6	122.32	1.7632	0.190
115.00	439.1	395.5	122.33	1.7565	0.193
116.00	442.0	398.3	122.35	1.7500	0.195
117.00	444.8	401.2	122.37	1.7436	0.198
118.00	447.5	403.9	122.40	1.7373	0.200
119.00	450.3	406.7	122.41	1.7311	0.203
120.00	453.2	409.6	122.43	1.7250	0.205
121.00	456.0	412.3	122.44	1.7190	0.208
122.00	458.7	415.1	122.46	1.7131	0.210
123.00	461.5	417.9	122.49	1.7073	0.213
124.00	464.4	420.7	122.51	1.7016	0.216
125.00	466.9	423.2	122.53	1.6960	0.218
126.00	470.0	426.4	122.54	1.6905	0.221
127.00	472.8	429.1	122.56	1.6850	0.223
128.00	475.4	431.7	122.58	1.6797	0.226
129.00	478.0	434.4	122.60	1.6744	0.229
130.00	480.7	437.1	122.62	1.6692	0.231
131.00	483.4	439.8	122.64	1.6641	0.234
132.00	486.0	442.4	122.65	1.6591	0.236
133.00	488.7	445.1	122.67	1.6541	0.239
134.00	491.5	447.8	122.69	1.6493	0.242
135.00	494.2	450.5	122.71	1.6444	0.244
136.00	496.8	453.2	122.72	1.6397	0.247
137.00	499.5	455.9	122.74	1.6350	0.250
138.00	502.2	458.6	122.77	1.6304	0.252
139.00	504.8	461.2	122.78	1.6259	0.255
140.00	507.5	463.9	122.80	1.6214	0.258
141.00	510.1	466.5	122.82	1.6170	0.260
142.00	512.7	469.1	122.84	1.6127	0.263
143.00	515.2	471.6	122.85	1.6084	0.265
144.00	517.9	474.3	122.87	1.6042	0.268
145.00	520.3	476.7	122.89	1.6000	0.271
146.00	523.1	479.5	122.90	1.5959	0.274
147.00	525.6	482.0	122.92	1.5918	0.276
148.00	528.1	484.5	122.94	1.5878	0.279
149.00	530.8	487.1	122.96	1.5839	0.282
150.00	533.4	489.7	122.98	1.5800	0.284
151.00	536.0	492.3	122.99	1.5762	0.287
152.00	538.5	494.8	123.01	1.5724	0.290
153.00	541.0	497.4	123.03	1.5686	0.293
154.00	543.4	499.8	123.04	1.5649	0.295

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/24/96 TIME: 09:24:52

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
155.00	546.0	502.4	123.06	1.5613	0.298
156.00	548.5	504.8	123.08	1.5577	0.301
157.00	550.9	507.3	123.09	1.5541	0.303
158.00	553.2	509.5	123.11	1.5506	0.306
159.00	555.7	512.0	123.13	1.5472	0.309
160.00	558.2	514.6	123.14	1.5437	0.312
161.00	560.6	517.0	123.16	1.5404	0.314
162.00	563.1	519.4	123.17	1.5370	0.317
163.00	565.5	521.9	123.20	1.5337	0.320
164.00	568.0	524.4	123.21	1.5305	0.323
165.00	570.4	526.8	123.23	1.5273	0.325
166.00	573.0	529.3	123.24	1.5241	0.328
167.00	575.5	531.9	123.26	1.5210	0.331
168.00	577.9	534.3	123.28	1.5179	0.334
169.00	580.4	536.8	123.30	1.5148	0.337
170.00	582.9	539.2	123.30	1.5118	0.340
171.00	585.2	541.6	123.33	1.5088	0.342
172.00	587.7	544.0	123.34	1.5058	0.345
173.00	590.1	546.5	123.36	1.5029	0.348
174.00	592.5	548.9	123.37	1.5000	0.351
175.00	595.0	551.4	123.39	1.4971	0.354
176.00	597.4	553.8	123.41	1.4943	0.357
177.00	599.7	556.1	123.42	1.4915	0.360
178.00	602.2	558.5	123.44	1.4888	0.363
179.00	604.7	561.1	123.45	1.4860	0.366
180.00	607.0	563.4	123.47	1.4833	0.368
181.00	609.5	565.8	123.49	1.4807	0.371
182.00	611.7	568.1	123.50	1.4780	0.374
183.00	614.2	570.5	123.52	1.4754	0.377
184.00	616.4	572.8	123.53	1.4728	0.380
185.00	618.9	575.2	123.55	1.4703	0.383
186.00	621.2	577.6	123.57	1.4677	0.386
187.00	623.6	579.9	123.58	1.4652	0.389
188.00	625.9	582.3	123.60	1.4628	0.392
189.00	628.2	584.6	123.62	1.4603	0.395
190.00	630.5	586.9	123.63	1.4579	0.398
191.00	632.9	589.3	123.65	1.4555	0.401
192.00	635.2	591.5	123.66	1.4531	0.403
193.00	637.5	593.9	123.68	1.4508	0.406
194.00	639.8	596.1	123.69	1.4485	0.409
195.00	642.1	598.5	123.71	1.4462	0.412
196.00	644.4	600.8	123.72	1.4439	0.415
197.00	646.7	603.0	123.74	1.4416	0.418
198.00	648.9	605.3	123.75	1.4394	0.421
199.00	651.2	607.6	123.76	1.4372	0.424
200.00	653.5	609.8	123.78	1.4350	0.427
201.00	655.6	612.0	123.79	1.4328	0.430
202.00	657.9	614.3	123.80	1.4307	0.433
203.00	660.2	616.5	123.82	1.4286	0.436
204.00	662.3	618.7	123.84	1.4265	0.439
205.00	664.4	620.8	123.85	1.4244	0.441

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9355 DST#7 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/24/96 TIME: 09:24:52

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	206.00	666.6	623.0	123.87	1.4223	0.444
	207.00	668.7	625.1	123.88	1.4203	0.447
	208.00	670.8	627.2	123.89	1.4183	0.450
	209.00	672.9	629.3	123.91	1.4163	0.453
	210.00	675.0	631.4	123.93	1.4143	0.456
	211.00	677.0	633.4	123.94	1.4123	0.458
	212.00	679.1	635.5	123.95	1.4104	0.461
	213.00	681.3	637.7	123.97	1.4085	0.464
	214.00	683.4	639.8	123.98	1.4065	0.467
	215.00	685.4	641.8	123.99	1.4047	0.470
	216.00	687.4	643.8	124.01	1.4028	0.473
	217.00	689.5	645.9	124.03	1.4009	0.475
	218.00	691.6	648.0	124.04	1.3991	0.478
	219.00	693.5	649.9	124.05	1.3973	0.481
	220.00	695.7	652.0	124.06	1.3955	0.484
	221.00	697.6	654.0	124.08	1.3937	0.487
	222.00	699.5	655.9	124.10	1.3919	0.489
	223.00	701.6	658.0	124.11	1.3901	0.492
	224.00	703.6	660.0	124.12	1.3884	0.495
	225.00	705.6	661.9	124.14	1.3867	0.498
	226.00	707.7	664.0	124.15	1.3850	0.501
	227.00	709.5	665.9	124.17	1.3833	0.503
	228.00	711.4	667.8	124.18	1.3816	0.506
	229.00	713.5	669.8	124.19	1.3799	0.509
	230.00	715.4	671.8	124.21	1.3783	0.512
	231.00	717.2	673.6	124.22	1.3766	0.514
	232.00	719.3	675.7	124.23	1.3750	0.517
	233.00	721.3	677.6	124.24	1.3734	0.520
	234.00	723.2	679.6	124.25	1.3718	0.523
	235.00	725.0	681.3	124.28	1.3702	0.526
	236.00	726.9	683.3	124.29	1.3686	0.528
	237.00	728.7	685.1	124.30	1.3671	0.531
	238.00	730.5	686.9	124.31	1.3655	0.534
	239.00	732.4	688.8	124.33	1.3640	0.536
	240.00	734.2	690.6	124.35	1.3625	0.539
	241.00	736.0	692.4	124.35	1.3610	0.542
	242.00	738.0	694.3	124.36	1.3595	0.545
	243.00	739.8	696.2	124.38	1.3580	0.547
	244.00	741.8	698.2	124.39	1.3566	0.550
	245.00	743.5	699.9	124.41	1.3551	0.553
	246.00	745.4	701.8	124.42	1.3537	0.556
	247.00	747.2	703.6	124.43	1.3522	0.558
	248.00	749.0	705.4	124.44	1.3508	0.561
	249.00	750.7	707.1	124.46	1.3494	0.564
	250.00	752.4	708.8	124.47	1.3480	0.566
****** End Shut-in 2	251.00	752.7	709.1	124.49	1.3466	0.567
****** Final Hydro.	518.00	2308.0	0.0	124.68		

*** TOOL DIAGRAM *** CONVENTIONAL

ELL NAME: Hendrix "C" #4

OCATION : 05-34S-13W, Barber Cty KS

ICKET No. 9355 D.S.T. No. 7 DATE 6-24-96

OTAL TOOL TO BOTTOM OF TOP PACKERS 27

NTERVAL TOOL .....

OTTOM PACKERS AND ANCHOR 35

OTAL TOOL 62

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single 1 Total 31

.P. ANCHOR STND.Stands Single Total

OTAL ASSEMBLY 93

.C. ABOVE TOOLS.Stands2 Single 1 Total 155

.P. ABOVE TOOLS.Stands76 Single Total 4700

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4948

OTAL DEPTH 4920

OTAL DRILL PIPE ABOVE K.B. 28

EMARKS:

P.O. SUB	
C.O. SUB	4827
S.I. TOOL	4833
HMV	4838
JARS	4843
SAFETY JOINT	4845
PACKER	4849
PACKER	4854
DEPTH 4854	
STUBB 1'	4855
ANCHOR	
PERFS	
ALPINE RECORDER	4860
29 FT. PERFS TO	4884
T.C.	
DEPTH	
1 JT.DRILL COLLAR	4915
AK-1 RECORDER	4917
BULLNOSE 5 FT. PERFORATED	
T.D.	4920

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-25-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9356 DST #8
LOCATION : 05-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: Mississippi
INTERVAL : 4968.00 To 5000.00 ft TD 5000.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

	Mins		Field	1	2	3	4
PF	30	Rec.	10248	10248	2351		
SI	60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	60	Clock(hrs)	12	12	Alpin		
FS	240	Depth(ft)	4997.0	4997.0	4973.0	0.0	0.0

TIME DATA----------
PF Fr. 0840 to 0910 hr
IS Fr. 0910 to 1010 hr
SF Fr. 1010 to 1110 hr
FS Fr. 1110 to 1510 hr

	Field	1	2	3	4
A. Init Hydro	2415.0	2421.0	2391.0	0.0	0.0
B. First Flow	26.0	28.0	12.0	0.0	0.0
Bl. Final Flow	28.0	28.0	22.0	0.0	0.0
C. In Shut-in	119.0	125.0	121.0	0.0	0.0
D. Init Flow	28.0	34.0	21.0	0.0	0.0
E. Final Flow	28.0	34.0	25.0	0.0	0.0
F. Fl Shut-in	477.0	488.0	482.0	0.0	0.0
G. Final Hydro	2384.0	2386.0	2381.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0646 hr
T ON BOTM 0835 hr
T OPEN 0840 hr
T PULLED 1511 hr
T OUT 1730 hr

RECOVERY
Tot Fluid 10.00 ft of 10.00 ft in DC and 0.00 ft in DP
Gas in pipe
10.00 ft of Drilling mud

6.00 ft of Pay (est)

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Weak blow, .25" - 1" in water

Final Flow -
Weak blow, slow increase to 3.5" in water

SAMPLES: NONE
SENT TO:

Test Successful: Y

TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	84000.00 lbs
Initial Str Wt	64000.00 lbs
Unseated Str Wt	64000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	186.00 ft
D.P. Length	4766.00 ft

MUD DATA----------

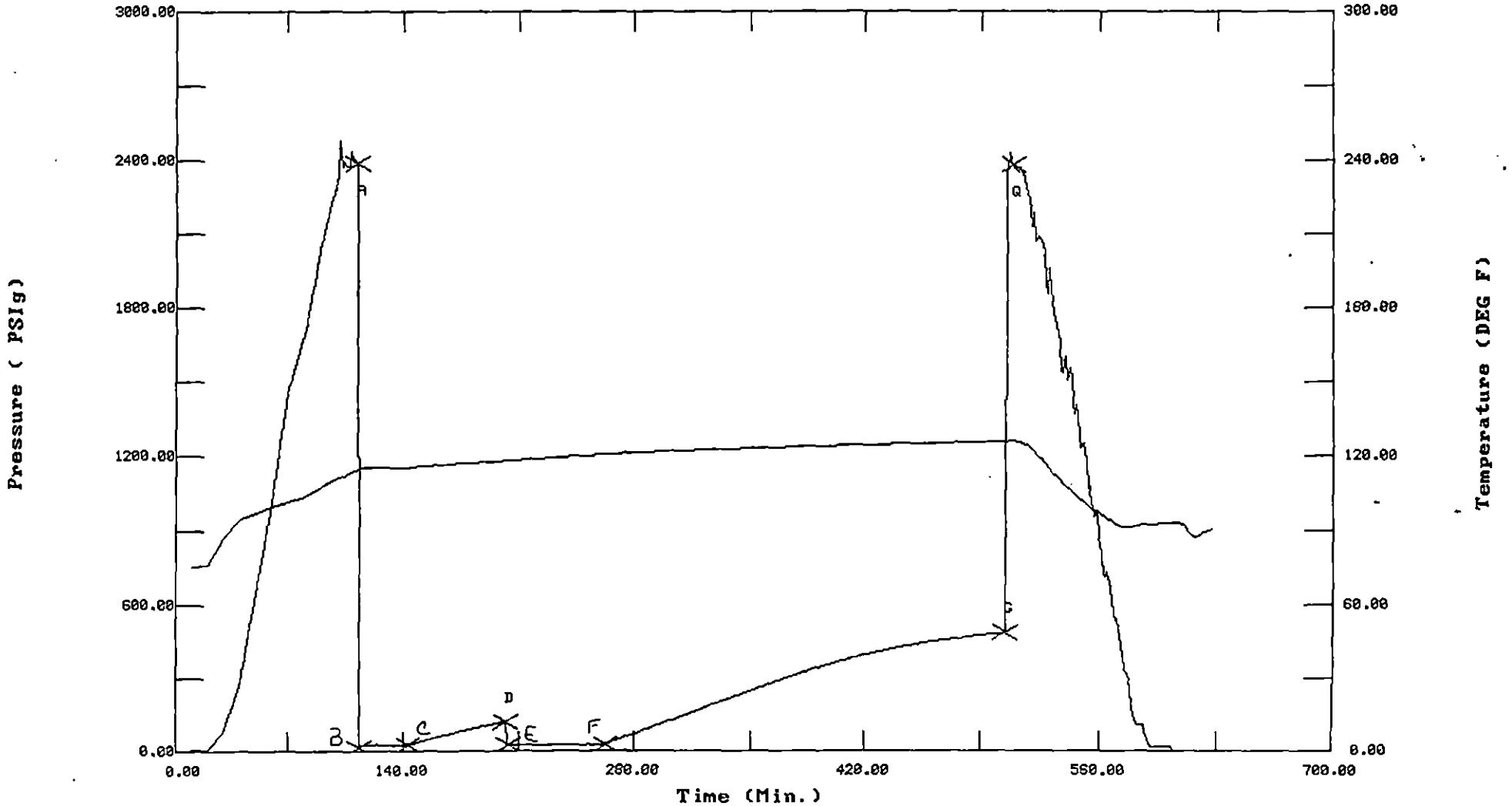
Mud Type	Chemical
Weight	9.10 lb/
Vis.	48.00 S/L
W.L.	8.40 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	125.00 F
Hole Condition	FAIR
% Porosity	9.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	
Tester	GARY PEVOTEAUX
Co. Rep.	MIKE MAUNE
Contr.	DUKE DRLG.
Rig #	7
Unit #	
Pump T.	

TEST HISTORY

9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2391.35
B:	0.00	12.33
C:	30.00	22.15
D:	59.00	128.51
E:	0.00	28.64
F:	59.00	24.58
G:	241.00	481.90
Q:	0.00	2381.36



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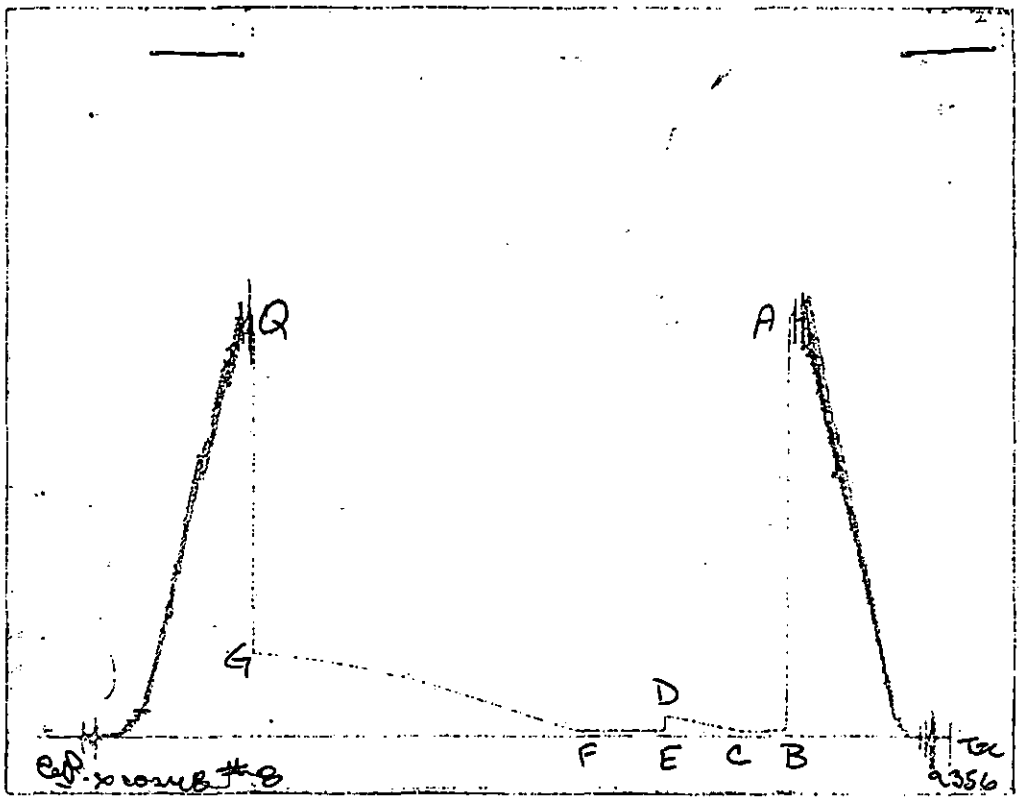


This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/25/96 TIME: 06:46:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	112.00	2391.3	0.0	114.44		
***** Start Flow 1	0.00	12.3	0.0	114.67		
	1.00	20.5	8.1	114.82		
	2.00	21.1	8.7	114.92		
	3.00	21.5	9.1	114.98		
	4.00	21.9	9.6	115.01		
	5.00	22.3	10	115.02		
	6.00	22.7	10.4	115.01		
	7.00	23.0	10.7	115.00		
	8.00	23.7	11.3	114.98		
	9.00	23.7	11.3	114.95		
	10.00	24.3	12.0	114.93		
	11.00	25.6	13.3	114.91		
	12.00	19.9	7.6	114.89		
	13.00	20.1	7.8	114.87		
	14.00	21.6	9.2	114.86		
	15.00	22.7	10.3	114.86		
	16.00	21.3	9.0	114.86		
	17.00	23.7	11.4	114.86		
	18.00	21.6	9.3	114.87		
	19.00	22.5	10.2	114.88		
	20.00	21.3	9.0	114.89		
	21.00	23.1	10.7	114.91		
	22.00	21.7	9.4	114.94		
	23.00	21.7	9.4	114.97		
	24.00	22.8	10.5	114.99		
	25.00	21.7	9.4	115.02		
	26.00	22.2	9.9	115.06		
	27.00	21.4	9.1	115.09		
	28.00	22.9	10.6	115.13		
	29.00	22.1	9.8	115.18		
****** End Flow 1	30.00	22.1	9.8	115.22		
****** Start Shutin 1	0.00	22.1	0.0	115.22	0.0000	0.000
	1.00	23.2	1.0	115.26	31.0000	0.001
	2.00	25.4	3.3	115.31	16.0000	0.001
	3.00	27.4	5.2	115.35	11.0000	0.001
	4.00	29.4	7.2	115.40	8.5000	0.001
	5.00	31.4	9.2	115.45	7.0000	0.001
	6.00	33.4	11.2	115.50	6.0000	0.001
	7.00	35.3	13.2	115.55	5.2857	0.001
	8.00	37.3	15.1	115.60	4.7500	0.001
	9.00	39.2	17.0	115.66	4.3333	0.002
	10.00	41.0	18.9	115.71	4.0000	0.002
	11.00	42.9	20.7	115.76	3.7273	0.002
	12.00	44.8	22.7	115.81	3.5000	0.002
	13.00	46.7	24.6	115.86	3.3077	0.002
	14.00	48.4	26.3	115.91	3.1429	0.002
	15.00	50.2	28.0	115.96	3.0000	0.003
	16.00	52.1	30.0	116.02	2.8750	0.003
	17.00	53.8	31.6	116.07	2.7647	0.003
	18.00	55.5	33.3	116.12	2.6667	0.003

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/25/96 TIME: 06:46:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	57.3	35.2	116.17	2.5789	0.003
	20.00	59.1	36.9	116.22	2.5000	0.003
	21.00	60.8	38.6	116.26	2.4286	0.004
	22.00	62.4	40.3	116.31	2.3636	0.004
	23.00	64.1	42.0	116.36	2.3043	0.004
	24.00	65.9	43.7	116.41	2.2500	0.004
	25.00	67.6	45.5	116.46	2.2000	0.005
	26.00	69.2	47.1	116.51	2.1538	0.005
	27.00	70.9	48.8	116.55	2.1111	0.005
	28.00	72.6	50.4	116.60	2.0714	0.005
	29.00	74.3	52.1	116.64	2.0345	0.006
	30.00	75.9	53.8	116.69	2.0000	0.006
	31.00	77.5	55.4	116.73	1.9677	0.006
	32.00	79.1	57.0	116.78	1.9375	0.006
	33.00	80.8	58.7	116.83	1.9091	0.007
	34.00	82.5	60.3	116.87	1.8824	0.007
	35.00	84.1	61.9	116.91	1.8571	0.007
	36.00	85.6	63.4	116.95	1.8333	0.007
	37.00	87.2	65.0	117.00	1.8108	0.008
	38.00	88.9	66.7	117.04	1.7895	0.008
	39.00	90.5	68.3	117.08	1.7692	0.008
	40.00	91.9	69.7	117.13	1.7500	0.008
	41.00	93.5	71.3	117.17	1.7317	0.009
	42.00	95.1	72.9	117.21	1.7143	0.009
	43.00	96.7	74.5	117.26	1.6977	0.009
	44.00	98.2	76.0	117.30	1.6818	0.01
	45.00	99.6	77.5	117.34	1.6667	0.01
	46.00	101.2	79.1	117.38	1.6522	0.010
	47.00	102.7	80.6	117.43	1.6383	0.011
	48.00	104.2	82.1	117.47	1.6250	0.011
	49.00	105.7	83.5	117.51	1.6122	0.011
	50.00	107.2	85.0	117.55	1.6000	0.011
	51.00	108.7	86.5	117.59	1.5882	0.012
	52.00	110.2	88.0	117.63	1.5769	0.012
	53.00	111.7	89.6	117.67	1.5660	0.012
	54.00	113.1	91.0	117.71	1.5556	0.013
	55.00	114.6	92.5	117.75	1.5455	0.013
	56.00	116.0	93.8	117.79	1.5357	0.013
	57.00	117.6	95.4	117.83	1.5263	0.014
	58.00	119.1	96.9	117.88	1.5172	0.014
****** End Shut-in 1	59.00	120.5	98.4	117.92	1.5085	0.015
****** Start Flow 2	0.00	20.6	0.0	117.99		
	1.00	21.7	1.1	118.04		
	2.00	22.9	2.3	118.10		
	3.00	22.9	2.3	118.16		
	4.00	22.4	1.8	118.22		
	5.00	22.8	2.2	118.27		
	6.00	23.9	3.3	118.32		
	7.00	23.7	3.1	118.37		
	8.00	23.1	2.4	118.42		
	9.00	22.8	2.2	118.46		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/25/96 TIME: 06:46:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	23.1	2.4	118.50		
	11.00	24.0	3.4	118.55		
	12.00	24.0	3.4	118.60		
	13.00	23.7	3.0	118.64		
	14.00	23.2	2.6	118.69		
	15.00	23.1	2.4	118.74		
	16.00	24.1	3.4	118.78		
	17.00	24.0	3.4	118.83		
	18.00	23.7	3.0	118.87		
	19.00	23.2	2.6	118.91		
	20.00	23.2	2.6	118.96		
	21.00	24.2	3.5	119.00		
	22.00	24.1	3.4	119.04		
	23.00	23.6	2.9	119.09		
	24.00	23.3	2.7	119.14		
	25.00	23.4	2.8	119.18		
	26.00	24.3	3.7	119.22		
	27.00	24.1	3.4	119.27		
	28.00	23.6	2.9	119.30		
	29.00	23.4	2.8	119.35		
	30.00	23.8	3.2	119.39		
	31.00	24.2	3.5	119.43		
	32.00	23.9	3.3	119.47		
	33.00	23.4	2.8	119.51		
	34.00	23.3	2.7	119.55		
	35.00	24.6	3.9	119.59		
	36.00	24.2	3.5	119.63		
	37.00	24.0	3.4	119.67		
	38.00	23.6	2.9	119.70		
	39.00	24.2	3.6	119.75		
	40.00	24.5	3.9	119.79		
	41.00	24.3	3.7	119.82		
	42.00	23.5	2.9	119.86		
	43.00	23.5	2.9	119.90		
	44.00	24.4	3.8	119.93		
	45.00	24.1	3.4	119.97		
	46.00	23.7	3.0	120.01		
	47.00	23.6	2.9	120.04		
	48.00	24.7	4.0	120.08		
	49.00	24.7	4.0	120.12		
	50.00	24.1	3.4	120.15		
	51.00	23.5	2.9	120.19		
	52.00	24.6	3.9	120.22		
	53.00	24.6	3.9	120.26		
	54.00	24.2	3.5	120.30		
	55.00	23.9	3.3	120.33		
	56.00	23.9	3.3	120.37		
	57.00	23.7	3.0	120.40		
	58.00	24.8	4.2	120.44		
****** End Flow 2	59.00	24.5	3.9	120.47		
****** Start Shutin 2	0.00	24.5	0.0	120.47	0.0000	0.001

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/25/96 TIME: 06:46:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
1.00	27.1	2.6	120.51	90.0000	0.001
2.00	29.8	5.3	120.54	45.5000	0.001
3.00	32.4	7.9	120.58	30.6667	0.001
4.00	35.0	10.5	120.61	23.2500	0.001
5.00	37.6	13.1	120.65	18.8000	0.001
6.00	40.1	15.6	120.68	15.8333	0.002
7.00	42.5	18.0	120.72	13.7143	0.002
8.00	45.1	20.6	120.75	12.1250	0.002
9.00	47.6	23.1	120.79	10.8889	0.002
10.00	50.1	25.6	120.82	9.9000	0.003
11.00	52.6	28.1	120.86	9.0909	0.003
12.00	55.2	30.7	120.89	8.4167	0.003
13.00	57.6	33.2	120.92	7.8462	0.003
14.00	60.3	35.8	120.96	7.3571	0.004
15.00	62.8	38.3	120.99	6.9333	0.004
16.00	65.2	40.7	121.02	6.5625	0.004
17.00	67.7	43.2	121.06	6.2353	0.005
18.00	70.2	45.7	121.09	5.9444	0.005
19.00	72.7	48.2	121.12	5.6842	0.005
20.00	75.3	50.8	121.15	5.4500	0.006
21.00	77.8	53.3	121.18	5.2381	0.006
22.00	80.3	55.8	121.21	5.0455	0.006
23.00	82.9	58.4	121.24	4.8696	0.007
24.00	85.4	60.9	121.26	4.7083	0.007
25.00	87.9	63.4	121.29	4.5600	0.008
26.00	90.4	65.9	121.32	4.4231	0.008
27.00	93.0	68.5	121.35	4.2963	0.009
28.00	95.5	71.0	121.38	4.1786	0.009
29.00	97.9	73.4	121.40	4.0690	0.01
30.00	100.5	76.0	121.43	3.9667	0.010
31.00	103.1	78.6	121.46	3.8710	0.011
32.00	105.7	81.2	121.50	3.7812	0.011
33.00	108.2	83.7	121.51	3.6970	0.012
34.00	110.7	86.2	121.54	3.6176	0.012
35.00	113.4	88.9	121.56	3.5429	0.013
36.00	116.0	91.5	121.59	3.4722	0.013
37.00	118.5	94.0	121.62	3.4054	0.014
38.00	121.1	96.6	121.64	3.3421	0.015
39.00	123.7	99.2	121.66	3.2821	0.015
40.00	126.2	101.7	121.69	3.2250	0.016
41.00	128.9	104.4	121.72	3.1707	0.017
42.00	131.4	106.9	121.74	3.1190	0.017
43.00	134.0	109.5	121.77	3.0698	0.018
44.00	136.6	112.1	121.79	3.0227	0.019
45.00	139.1	114.6	121.81	2.9778	0.019
46.00	141.7	117.2	121.84	2.9348	0.020
47.00	144.4	119.9	121.86	2.8936	0.021
48.00	146.9	122.5	121.89	2.8542	0.022
49.00	149.6	125.1	121.91	2.8163	0.022
50.00	152.2	127.7	121.93	2.7800	0.023
51.00	154.7	130.2	121.96	2.7451	0.024

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/25/96 TIME: 06:46:42.

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
52.00	157.4	132.9	121.98	2.7115	0.025
53.00	160.0	135.5	122.01	2.6792	0.026
54.00	162.6	138.1	122.02	2.6481	0.026
55.00	165.1	140.6	122.06	2.6182	0.027
56.00	167.7	143.2	122.07	2.5893	0.028
57.00	170.2	145.7	122.10	2.5614	0.029
58.00	172.8	148.3	122.12	2.5345	0.030
59.00	175.5	151.0	122.15	2.5085	0.031
60.00	178.0	153.5	122.17	2.4833	0.032
61.00	180.5	156.0	122.19	2.4590	0.033
62.00	183.1	158.6	122.22	2.4355	0.034
63.00	185.7	161.2	122.23	2.4127	0.034
64.00	188.3	163.8	122.27	2.3906	0.035
65.00	190.8	166.3	122.28	2.3692	0.036
66.00	193.4	168.9	122.30	2.3485	0.037
67.00	196.0	171.5	122.33	2.3284	0.038
68.00	198.6	174.1	122.35	2.3088	0.039
69.00	201.1	176.6	122.37	2.2899	0.040
70.00	203.6	179.1	122.40	2.2714	0.041
71.00	206.1	181.6	122.42	2.2535	0.042
72.00	208.6	184.1	122.44	2.2361	0.043
73.00	211.1	186.6	122.46	2.2192	0.045
74.00	213.6	189.1	122.49	2.2027	0.046
75.00	216.1	191.6	122.51	2.1867	0.047
76.00	218.5	194.0	122.53	2.1711	0.048
77.00	221.0	196.5	122.55	2.1558	0.049
78.00	223.5	199.0	122.58	2.1410	0.050
79.00	225.9	201.4	122.60	2.1266	0.051
80.00	228.4	203.9	122.62	2.1125	0.052
81.00	230.8	206.3	122.64	2.0988	0.053
82.00	233.2	208.7	122.67	2.0854	0.054
83.00	235.7	211.2	122.68	2.0723	0.056
84.00	238.1	213.6	122.71	2.0595	0.057
85.00	240.5	216.0	122.72	2.0471	0.058
86.00	243.0	218.5	122.75	2.0349	0.059
87.00	245.4	220.9	122.77	2.0230	0.060
88.00	247.7	223.2	122.79	2.0114	0.061
89.00	250.3	225.8	122.80	2.0000	0.063
90.00	252.6	228.1	122.83	1.9889	0.064
91.00	255.0	230.5	122.86	1.9780	0.065
92.00	257.4	232.9	122.88	1.9674	0.066
93.00	259.7	235.2	122.90	1.9570	0.067
94.00	262.1	237.6	122.92	1.9468	0.069
95.00	264.4	239.9	122.94	1.9368	0.070
96.00	266.8	242.3	122.96	1.9271	0.071
97.00	269.2	244.7	122.99	1.9175	0.072
98.00	271.7	247.2	123.00	1.9082	0.074
99.00	274.0	249.5	123.03	1.8990	0.075
100.00	276.4	251.9	123.05	1.8900	0.076
101.00	278.9	254.4	123.07	1.8812	0.078
102.00	281.2	256.7	123.09	1.8725	0.079

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/25/96 TIME: 06:46:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
103.00	283.6	259.1	123.11	1.8641	0.080
104.00	286.1	261.6	123.13	1.8558	0.082
105.00	288.4	263.9	123.15	1.8476	0.083
106.00	290.8	266.3	123.17	1.8396	0.085
107.00	293.2	268.7	123.20	1.8318	0.086
108.00	295.5	271.0	123.22	1.8241	0.087
109.00	297.9	273.4	123.23	1.8165	0.089
110.00	300.3	275.8	123.26	1.8091	0.090
111.00	302.5	278.0	123.27	1.8018	0.091
112.00	304.7	280.2	123.30	1.7946	0.093
113.00	307.1	282.6	123.32	1.7876	0.094
114.00	309.3	284.9	123.33	1.7807	0.096
115.00	311.6	287.1	123.36	1.7739	0.097
116.00	313.8	289.3	123.37	1.7672	0.098
117.00	316.1	291.6	123.39	1.7607	0.10
118.00	318.3	293.8	123.41	1.7542	0.101
119.00	320.6	296.1	123.44	1.7479	0.103
120.00	322.8	298.3	123.46	1.7417	0.104
121.00	325.0	300.5	123.48	1.7355	0.106
122.00	327.3	302.8	123.49	1.7295	0.107
123.00	329.3	304.8	123.52	1.7236	0.108
124.00	331.5	307.0	123.53	1.7177	0.110
125.00	333.7	309.2	123.55	1.7120	0.111
126.00	335.8	311.3	123.58	1.7063	0.113
127.00	337.9	313.4	123.59	1.7008	0.114
128.00	339.9	315.4	123.61	1.6953	0.116
129.00	342.0	317.5	123.63	1.6899	0.117
130.00	344.1	319.6	123.65	1.6846	0.118
131.00	346.1	321.6	123.67	1.6794	0.120
132.00	348.1	323.6	123.68	1.6742	0.121
133.00	350.1	325.6	123.71	1.6692	0.123
134.00	352.1	327.6	123.73	1.6642	0.124
135.00	354.0	329.5	123.74	1.6593	0.125
136.00	355.9	331.4	123.76	1.6544	0.127
137.00	357.9	333.4	123.78	1.6496	0.128
138.00	359.7	335.2	123.80	1.6449	0.129
139.00	361.6	337.1	123.82	1.6403	0.131
140.00	363.5	339.0	123.84	1.6357	0.132
141.00	365.4	340.9	123.86	1.6312	0.134
142.00	367.2	342.7	123.88	1.6268	0.135
143.00	369.0	344.5	123.89	1.6224	0.136
144.00	370.9	346.4	123.92	1.6181	0.138
145.00	372.6	348.1	123.93	1.6138	0.139
146.00	374.4	349.9	123.95	1.6096	0.140
147.00	376.2	351.7	123.97	1.6054	0.141
148.00	377.9	353.4	123.99	1.6014	0.143
149.00	379.8	355.3	124.00	1.5973	0.144
150.00	381.4	356.9	124.03	1.5933	0.145
151.00	383.3	358.8	124.04	1.5894	0.147
152.00	384.9	360.4	124.06	1.5855	0.148
153.00	386.6	362.1	124.08	1.5817	0.149

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/25/96 TIME: 06:46:42

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
154.00	388.4	363.9	124.10	1.5779	0.151
155.00	390.1	365.6	124.12	1.5742	0.152
156.00	391.7	367.2	124.13	1.5705	0.153
157.00	393.4	368.9	124.15	1.5669	0.155
158.00	395.0	370.5	124.17	1.5633	0.156
159.00	396.6	372.1	124.19	1.5597	0.157
160.00	398.2	373.7	124.21	1.5562	0.159
161.00	399.7	375.2	124.22	1.5528	0.160
162.00	401.3	376.8	124.24	1.5494	0.161
163.00	402.8	378.3	124.26	1.5460	0.162
164.00	404.3	379.8	124.27	1.5427	0.163
165.00	405.8	381.3	124.30	1.5394	0.165
166.00	407.3	382.8	124.31	1.5361	0.166
167.00	408.8	384.3	124.33	1.5329	0.167
168.00	410.2	385.7	124.35	1.5298	0.168
169.00	411.7	387.2	124.37	1.5266	0.169
170.00	413.3	388.8	124.38	1.5235	0.171
171.00	414.7	390.2	124.39	1.5205	0.172
172.00	416.2	391.7	124.42	1.5174	0.173
173.00	417.6	393.1	124.43	1.5145	0.174
174.00	419.0	394.5	124.45	1.5115	0.176
175.00	420.4	395.9	124.47	1.5086	0.177
176.00	421.7	397.2	124.49	1.5057	0.178
177.00	423.1	398.6	124.50	1.5028	0.179
178.00	424.4	399.9	124.52	1.5000	0.180
179.00	425.6	401.1	124.54	1.4972	0.181
180.00	426.9	402.4	124.55	1.4944	0.182
181.00	428.2	403.7	124.57	1.4917	0.183
182.00	429.4	404.9	124.58	1.4890	0.184
183.00	430.6	406.1	124.60	1.4863	0.185
184.00	431.7	407.2	124.62	1.4837	0.186
185.00	433.0	408.5	124.64	1.4811	0.187
186.00	434.2	409.7	124.65	1.4785	0.188
187.00	435.3	410.8	124.67	1.4759	0.190
188.00	436.6	412.1	124.68	1.4734	0.191
189.00	437.7	413.2	124.70	1.4709	0.192
190.00	438.8	414.3	124.72	1.4684	0.193
191.00	439.9	415.4	124.73	1.4660	0.194
192.00	441.0	416.5	124.74	1.4635	0.195
193.00	442.1	417.6	124.76	1.4611	0.195
194.00	443.3	418.8	124.77	1.4588	0.197
195.00	444.3	419.8	124.80	1.4564	0.197
196.00	445.3	420.8	124.81	1.4541	0.198
197.00	446.4	421.9	124.83	1.4518	0.199
198.00	447.3	422.8	124.84	1.4495	0.200
199.00	448.4	423.9	124.86	1.4472	0.201
200.00	449.3	424.8	124.88	1.4450	0.202
201.00	450.3	425.8	124.88	1.4428	0.203
202.00	451.4	426.9	124.90	1.4406	0.204
203.00	452.3	427.8	124.92	1.4384	0.205
204.00	453.2	428.7	124.94	1.4363	0.205

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9356 DST#8 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/25/96 TIME: 06:46:42

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	205.00	454.0	429.5	124.95	1.4341	0.206
	206.00	455.0	430.5	124.97	1.4320	0.207
	207.00	456.0	431.5	124.99	1.4300	0.208
	208.00	456.9	432.4	125.00	1.4279	0.209
	209.00	457.7	433.2	125.01	1.4258	0.210
	210.00	458.7	434.2	125.02	1.4238	0.210
	211.00	459.6	435.1	125.04	1.4218	0.211
	212.00	460.5	436.0	125.06	1.4198	0.212
	213.00	461.3	436.8	125.07	1.4178	0.213
	214.00	462.1	437.6	125.09	1.4159	0.214
	215.00	463.0	438.5	125.10	1.4140	0.214
	216.00	463.9	439.4	125.12	1.4120	0.215
	217.00	464.6	440.1	125.13	1.4101	0.216
	218.00	465.5	441.0	125.15	1.4083	0.217
	219.00	466.3	441.8	125.16	1.4064	0.217
	220.00	467.0	442.6	125.19	1.4045	0.218
	221.00	467.9	443.4	125.19	1.4027	0.219
	222.00	468.7	444.2	125.20	1.4009	0.220
	223.00	469.5	445.0	125.22	1.3991	0.220
	224.00	470.2	445.7	125.23	1.3973	0.221
	225.00	471.1	446.6	125.26	1.3956	0.222
	226.00	471.8	447.3	125.27	1.3938	0.223
	227.00	472.5	448.0	125.29	1.3921	0.223
	228.00	473.3	448.8	125.30	1.3904	0.224
	229.00	473.9	449.4	125.31	1.3886	0.225
	230.00	474.7	450.2	125.32	1.3870	0.225
	231.00	475.4	450.9	125.34	1.3853	0.226
	232.00	476.0	451.5	125.36	1.3836	0.227
	233.00	476.7	452.2	125.37	1.3820	0.227
	234.00	477.3	452.8	125.38	1.3803	0.228
	235.00	478.0	453.5	125.40	1.3787	0.229
	236.00	478.7	454.2	125.41	1.3771	0.229
	237.00	479.4	454.9	125.43	1.3755	0.230
	238.00	480.0	455.5	125.45	1.3739	0.230
	239.00	480.6	456.1	125.46	1.3724	0.231
	240.00	481.2	456.7	125.48	1.3708	0.232
****** End Shut-in 2	241.00	481.9	457.4	125.49	1.3693	0.232
****** Final Hydro.	509.00	2381.4	0.0	125.66		

*** TOOL DIAGRAM *** CONVENTIONAL

'ELL NAME: Hendrix "C" #4

.OCATION : 05-34S-13W, Barber Cty KS

'ICKET No. 9356 D.S.T. No. 8 DATE 6-25-96

'OTAL TOOL TO BOTTOM OF TOP PACKERS 27

NTERVAL TOOL .....

:OTTOM PACKERS AND ANCHOR 32

'OTAL TOOL 59

'RILL COLLAR ANCHOR IN INTERVAL .....

).C. ANCHOR STND.Stands Single Total

).P. ANCHOR STND.Stands Single Total

:OTAL ASSEMBLY 59

).C. ABOVE TOOLS.Stands3 Single Total 186

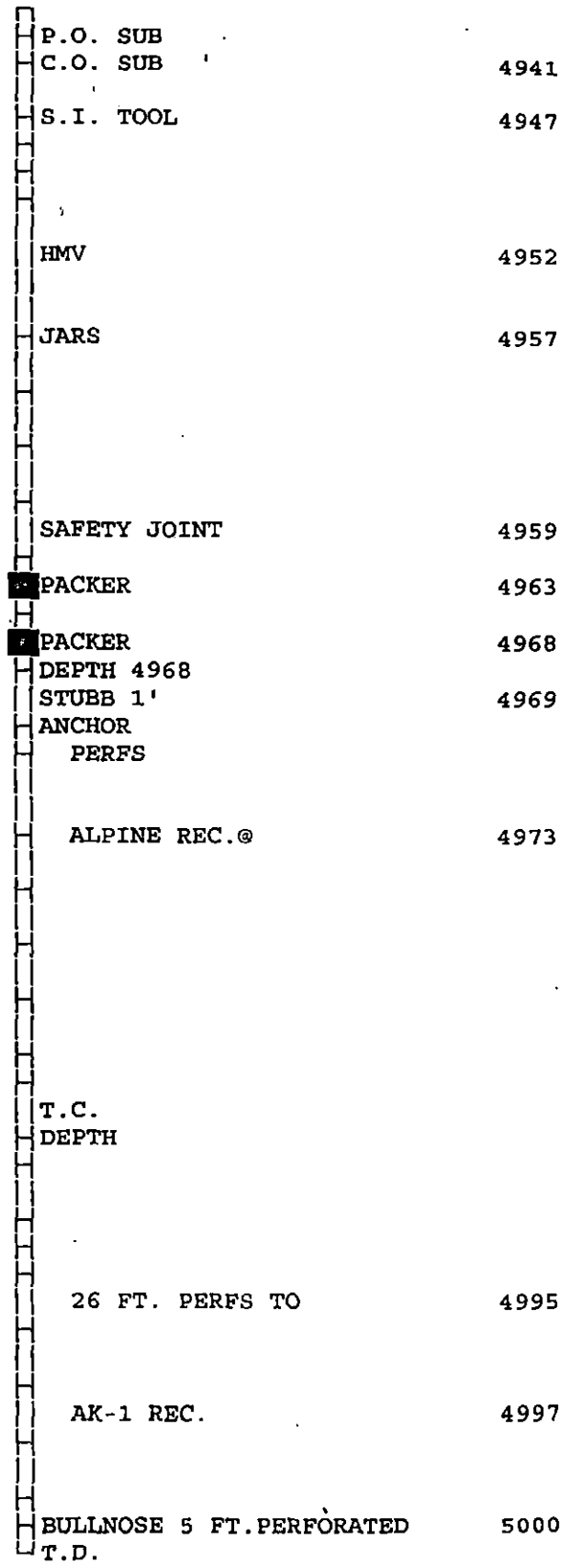
).P. ABOVE TOOLS.Stands77 Single Total 4766

:OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5011

:OTAL DEPTH 5000

'OTAL DRILL PIPE ABOVE K.B. 11

:EMARKS:



TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp DATE 6-27-96
WELL NAME: Hendrix "C" #4 KB 1906.00 ft TICKET NO: 9357 DST #9
LOCATION : 05-34S-13W, Barber Cty KS GR 1893.00 ft FORMATION: SIMPSON SD.
INTERVAL : 5324.00 To 5381.00 ft TD 5381.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

	Mins		Field	1	2	3	4
PF	30	Rec.	10248	10248	2351		
SI	60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0
SF	30	Clock(hrs)	12	12	Alpin		
FS	120	Depth(ft)	5378.0	5378.0	5330.0	0.0	0.0

TIME DATA----------
PF Fr. 0848 to 0918 hr
IS Fr. 0918 to 1018 hr
SF Fr. 1018 to 1048 hr
FS Fr. 1048 to 1248 hr

	Field	1	2	3	4
A. Init Hydro	2580.0	2587.0	2593.0	0.0	0.0
B. First Flow	53.0	53.0	30.0	0.0	0.0
B1. Final Flow	57.0	61.0	45.0	0.0	0.0
C. In Shut-in	1883.0	1883.0	1901.0	0.0	0.0
D. Init Flow	50.0	55.0	44.0	0.0	0.0
E. Final Flow	57.0	62.0	45.0	0.0	0.0
F. Fl Shut-in	1881.0	1892.0	1900.0	0.0	0.0
G. Final Hydro	2536.0	2521.0	2493.0	0.0	0.0
Inside/Outside	O	O	I		

T STARTED 0638 hr
T ON BOTM 0844 hr
T OPEN 0848 hr
T PULLED 1249 hr
T OUT 1600 hr

RECOVERY
Tot Fluid 15.00 ft of 15.00 ft in DC and 0.00 ft in DP
15.00 ft of Heavy clabbered mud

7.00 ft of Pay (est)

SALINITY 5000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION
Initial Flow -
Weak blow, .25" decreasing to surface blow

Final Flow -
No blow

SAMPLES: NONE
SENT TO:

Test Successful: Y

TOOL DATA----------

Tool Wt.	2000.00 lbs
Wt Set On Packer	22000.00 lbs
Wt Pulled Loose	88000.00 lbs
Initial Str Wt	67000.00 lbs
Unseated Str Wt	67000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	155.00 ft
D.P. Length	5166.00 ft

MUD DATA----------

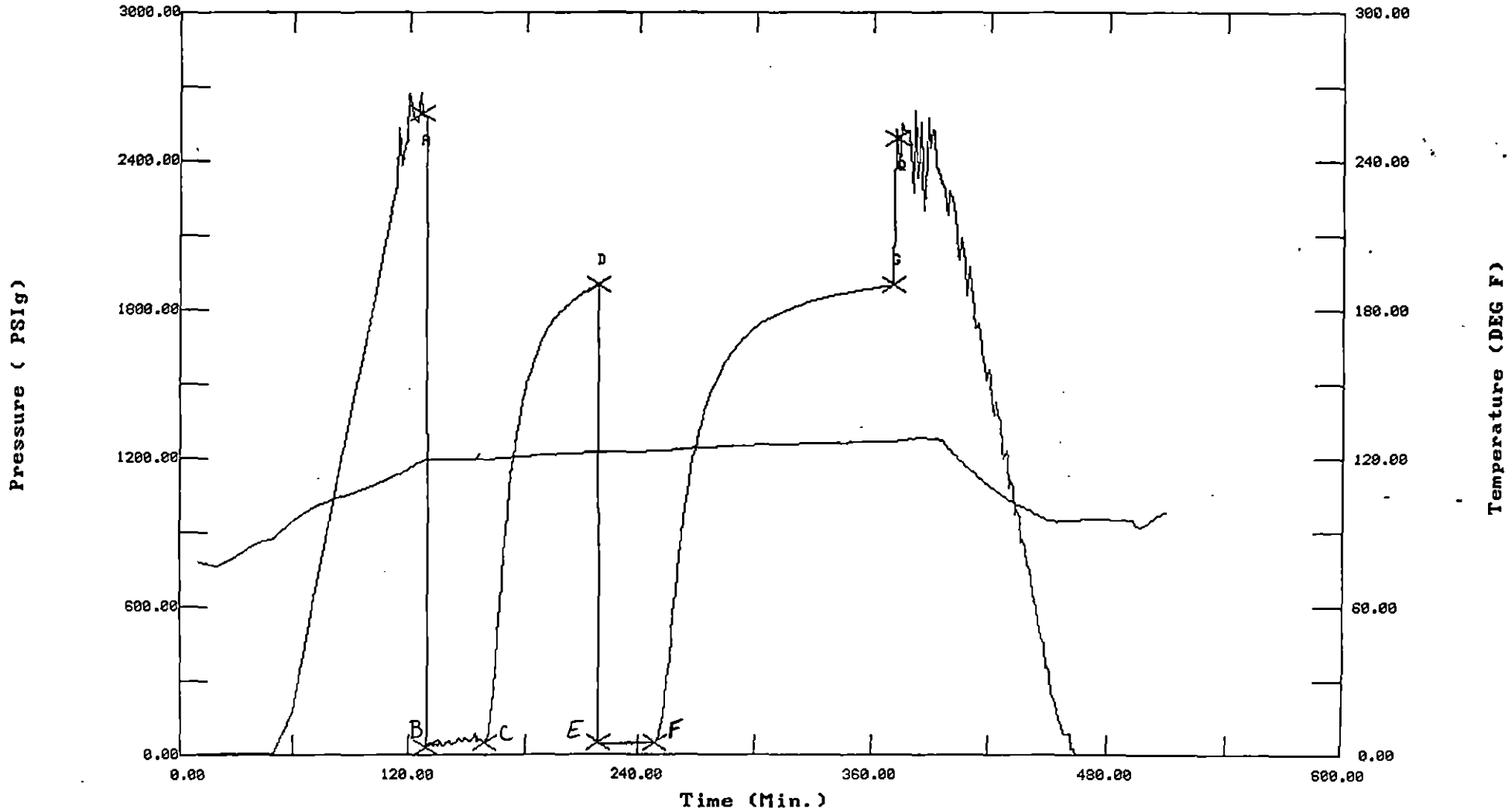
Mud Type	Chemical
Weight	9.10 lb/c
Vis.	51.00 S/L
W.L.	8.00 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	127.00 F
Hole Condition	FAIR
% Porosity	9.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	NONE
Reversed Out N	
Tool Chased N	
Tester	GARY PEVOTEAUX
Co. Rep.	MIKE MAUNE
Contr.	DUKE DRLG.
Rig #	7
Unit #	
Pump T.	

TEST HISTORY

9357 DST#9 HENDRIX C#4 WOOLSEY PETL.CORP.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2592.52
B:	0.00	30.46
C:	30.00	45.48
D:	59.00	1901.12
E:	0.00	44.05
F:	30.00	44.81
G:	121.00	1899.53
Q:	0.00	2492.98



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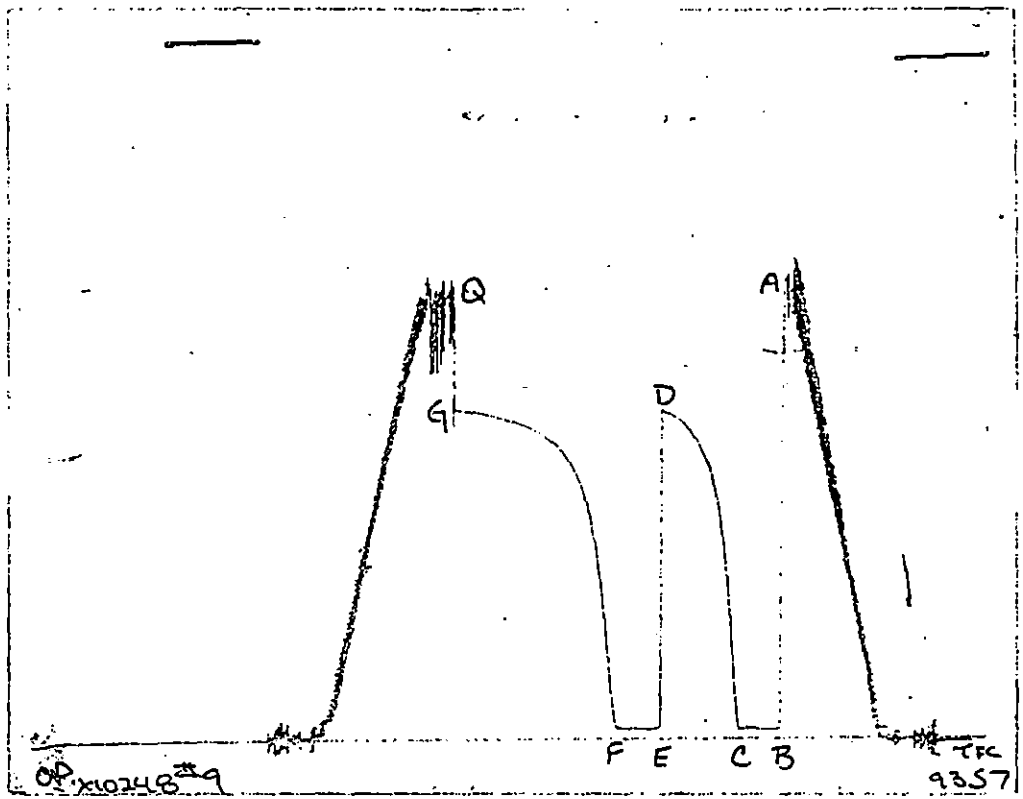

This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9357 DST#9 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/27/96 TIME: 06:38:49

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	126.00	2592.5	0.0	118.61		
***** Start Flow 1	0.00	30.5	0.0	119.28		
	1.00	39.8	9.3	119.33		
	2.00	43.4	12.9	119.33		
	3.00	43.5	13.0	119.30		
	4.00	35.2	4.8	119.27		
	5.00	41.1	10.7	119.22		
	6.00	34.7	4.2	119.18		
	7.00	51.7	21.2	119.15		
	8.00	35.6	5.1	119.12		
	9.00	34.6	4.1	119.09		
	10.00	44.1	13.6	119.08		
	11.00	44.0	13.5	119.07		
	12.00	48.9	18.5	119.06		
	13.00	42.3	11.8	119.06		
	14.00	38.3	7.9	119.06		
	15.00	45.0	14.5	119.07		
	16.00	55.5	25.0	119.08		
	17.00	65.1	34.7	119.09		
	18.00	52.4	22.0	119.11		
	19.00	52.6	22.2	119.13		
	20.00	65.2	34.7	119.15		
	21.00	60.6	30.1	119.17		
	22.00	50.3	19.8	119.20		
	23.00	49.5	19.1	119.23		
	24.00	63.4	33.0	119.25		
	25.00	81.0	50.5	119.28		
	26.00	50.3	19.8	119.33		
	27.00	52.9	22.5	119.34		
	28.00	55.8	25.3	119.37		
	29.00	52.2	21.7	119.41		
****** End Flow 1	30.00	45.5	15.0	119.45		
****** Start Shutin 1	0.00	45.5	0.0	119.45	0.0000	0.002
	1.00	63.8	18.3	119.48	31.0000	0.004
	2.00	98.4	52.9	119.51	16.0000	0.01
	3.00	162.6	117.2	119.56	11.0000	0.026
	4.00	258.0	212.5	119.60	8.5000	0.067
	5.00	365.8	320.4	119.65	7.0000	0.134
	6.00	487.8	442.3	119.71	6.0000	0.238
	7.00	604.4	558.9	119.77	5.2857	0.365
	8.00	714.0	668.6	119.83	4.7500	0.510
	9.00	815.4	769.9	119.90	4.3333	0.665
	10.00	907.8	862.3	119.97	4.0000	0.824
	11.00	991.0	945.5	120.06	3.7273	0.982
	12.00	1066.8	1021.3	120.11	3.5000	1.138
	13.00	1135.1	1089.6	120.19	3.3077	1.288
	14.00	1196.8	1151.3	120.24	3.1429	1.432
	15.00	1252.8	1207.3	120.32	3.0000	1.569
	16.00	1303.7	1258.2	120.37	2.8750	1.700
	17.00	1349.9	1304.4	120.44	2.7647	1.822
	18.00	1391.9	1346.5	120.50	2.6667	1.937

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9357 DST#9 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/27/96 TIME: 06:38:49

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	1430.3	1384.8	120.56	2.5789	2.046
	20.00	1465.3	1419.8	120.62	2.5000	2.147
	21.00	1497.4	1452.0	120.67	2.4286	2.242
	22.00	1526.9	1481.4	120.73	2.3636	2.331
	23.00	1554.0	1508.5	120.79	2.3043	2.415
	24.00	1578.9	1533.4	120.83	2.2500	2.493
	25.00	1601.9	1556.4	120.89	2.2000	2.566
	26.00	1623.2	1577.7	120.94	2.1538	2.635
	27.00	1642.7	1597.2	120.98	2.1111	2.698
	28.00	1660.9	1615.4	121.03	2.0714	2.759
	29.00	1677.6	1632.1	121.08	2.0345	2.814
	30.00	1693.2	1647.8	121.14	2.0000	2.867
	31.00	1707.7	1662.2	121.17	1.9677	2.916
	32.00	1721.2	1675.7	121.22	1.9375	2.962
	33.00	1733.8	1688.3	121.27	1.9091	3.006
	34.00	1745.7	1700.2	121.31	1.8824	3.047
	35.00	1756.7	1711.2	121.37	1.8571	3.086
	36.00	1767.0	1721.5	121.39	1.8333	3.122
	37.00	1776.8	1731.3	121.43	1.8108	3.157
	38.00	1785.9	1740.4	121.48	1.7895	3.189
	39.00	1794.6	1749.1	121.52	1.7692	3.221
	40.00	1802.7	1757.2	121.56	1.7500	3.250
	41.00	1810.4	1764.9	121.60	1.7317	3.278
	42.00	1817.7	1772.2	121.64	1.7143	3.304
	43.00	1824.6	1779.1	121.68	1.6977	3.329
	44.00	1831.1	1785.6	121.72	1.6818	3.353
	45.00	1837.4	1791.9	121.76	1.6667	3.376
	46.00	1843.4	1797.9	121.79	1.6522	3.398
	47.00	1849.1	1803.6	121.83	1.6383	3.419
	48.00	1854.5	1809.0	121.88	1.6250	3.439
	49.00	1859.7	1814.2	121.92	1.6122	3.458
	50.00	1864.6	1819.1	121.96	1.6000	3.477
	51.00	1869.3	1823.8	122.01	1.5882	3.494
	52.00	1873.8	1828.4	122.03	1.5769	3.511
	53.00	1878.2	1832.7	122.08	1.5660	3.528
	54.00	1882.5	1837.0	122.12	1.5556	3.544
	55.00	1886.5	1841.0	122.16	1.5455	3.559
	56.00	1890.4	1844.9	122.19	1.5357	3.574
	57.00	1894.2	1848.7	122.22	1.5263	3.588
	58.00	1897.7	1852.2	122.26	1.5172	3.601
****** End Shut-in 1	59.00	1901.1	1855.6	122.30	1.5085	3.614
****** Start Flow 2	0.00	44.1	0.0	122.31		
	1.00	42.6	-1.4	122.29		
	2.00	41.7	-2.4	122.23		
	3.00	40.7	-3.4	122.19		
	4.00	40.5	-3.5	122.14		
	5.00	40.0	-4.0	122.11		
	6.00	40.3	-3.8	122.10		
	7.00	40.4	-3.7	122.10		
	8.00	40.5	-3.5	122.10		
	9.00	40.8	-3.3	122.11		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 9357 DST#9 HENDRIX C#4 WOOLSEY PETL.CORP.
DATE: 06/27/96 TIME: 06:38:49.

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	40.7	-3.4	122.13		
	11.00	41.0	-3.0	122.16		
	12.00	41.4	-2.7	122.18		
	13.00	41.3	-2.8	122.22		
	14.00	41.6	-2.4	122.24		
	15.00	41.7	-2.4	122.27		
	16.00	42.7	-1.3	122.31		
	17.00	42.8	-1.3	122.34		
	18.00	42.6	-1.4	122.38		
	19.00	43.9	-0.2	122.41		
	20.00	43.3	-0.8	122.45		
	21.00	43.3	-0.8	122.48		
	22.00	43.5	-0.6	122.52		
	23.00	44.6	0.6	122.55		
	24.00	44.6	0.6	122.59		
	25.00	44.9	0.8	122.63		
	26.00	44.2	0.2	122.67		
	27.00	45.3	1.3	122.70		
	28.00	45.7	1.7	122.74		
	29.00	45.6	1.6	122.78		
****** End Flow 2	30.00	44.8	0.8	122.82		
****** Start Shutin 2	0.00	44.8	0.0	122.82	0.0000	0.002
	1.00	58.6	13.8	122.86	61.0000	0.003
	2.00	78.8	34.0	122.89	31.0000	0.006
	3.00	109.0	64.2	122.94	21.0000	0.012
	4.00	155.5	110.7	122.98	16.0000	0.024
	5.00	220.7	175.9	123.02	13.0000	0.049
	6.00	300.2	255.4	123.07	11.0000	0.090
	7.00	387.9	343.1	123.13	9.5714	0.150
	8.00	478.0	433.2	123.18	8.5000	0.228
	9.00	566.6	521.8	123.24	7.6667	0.321
	10.00	652.3	607.5	123.30	7.0000	0.425
	11.00	733.4	688.5	123.37	6.4545	0.538
	12.00	809.4	764.6	123.42	6.0000	0.655
	13.00	879.4	834.6	123.49	5.6154	0.773
	14.00	944.0	899.2	123.55	5.2857	0.891
	15.00	1003.6	958.8	123.62	5.0000	1.007
	16.00	1058.4	1013.6	123.67	4.7500	1.120
	17.00	1108.7	1063.9	123.73	4.5294	1.229
	18.00	1155.2	1110.4	123.79	4.3333	1.334
	19.00	1197.8	1153.0	123.85	4.1579	1.435
	20.00	1237.3	1192.5	123.91	4.0000	1.531
	21.00	1273.2	1228.4	123.95	3.8571	1.621
	22.00	1306.7	1261.9	124.01	3.7273	1.708
	23.00	1338.1	1293.2	124.05	3.6087	1.790
	24.00	1366.8	1321.9	124.10	3.5000	1.868
	25.00	1393.8	1349.0	124.15	3.4000	1.943
	26.00	1418.5	1373.7	124.20	3.3077	2.012
	27.00	1441.8	1397.0	124.25	3.2222	2.079
	28.00	1463.4	1418.5	124.29	3.1429	2.141
	29.00	1483.7	1438.9	124.32	3.0690	2.201

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9357 DST#9 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/27/96 TIME: 06:38:49

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
30.00	1502.6	1457.8	124.36	3.0000	2.258
31.00	1520.3	1475.5	124.40	2.9355	2.311
32.00	1537.0	1492.2	124.45	2.8750	2.363
33.00	1552.6	1507.8	124.48	2.8182	2.410
34.00	1567.3	1522.5	124.52	2.7647	2.456
35.00	1581.1	1536.3	124.55	2.7143	2.500
36.00	1594.1	1549.3	124.60	2.6667	2.541
37.00	1606.6	1561.8	124.60	2.6216	2.581
38.00	1618.3	1573.5	124.64	2.5789	2.619
39.00	1629.4	1584.6	124.70	2.5385	2.655
40.00	1639.9	1595.1	124.71	2.5000	2.689
41.00	1649.9	1605.1	124.75	2.4634	2.722
42.00	1659.4	1614.6	124.78	2.4286	2.754
43.00	1668.4	1623.6	124.81	2.3953	2.784
44.00	1677.0	1632.1	124.83	2.3636	2.812
45.00	1685.2	1640.4	124.87	2.3333	2.840
46.00	1692.9	1648.1	124.90	2.3043	2.866
47.00	1700.4	1655.6	124.92	2.2766	2.891
48.00	1707.5	1662.7	124.96	2.2500	2.916
49.00	1714.2	1669.4	124.99	2.2245	2.939
50.00	1720.6	1675.8	125.01	2.2000	2.960
51.00	1726.9	1682.1	125.04	2.1765	2.982
52.00	1732.8	1688.0	125.08	2.1538	3.002
53.00	1738.5	1693.7	125.11	2.1321	3.022
54.00	1743.9	1699.1	125.13	2.1111	3.041
55.00	1749.2	1704.4	125.16	2.0909	3.060
56.00	1754.2	1709.4	125.19	2.0714	3.077
57.00	1759.1	1714.3	125.21	2.0526	3.094
58.00	1763.8	1719.0	125.23	2.0345	3.111
59.00	1768.3	1723.5	125.27	2.0169	3.127
60.00	1772.5	1727.7	125.29	2.0000	3.142
61.00	1776.8	1732.0	125.33	1.9836	3.157
62.00	1780.9	1736.0	125.34	1.9677	3.171
63.00	1784.7	1739.9	125.36	1.9524	3.185
64.00	1788.6	1743.8	125.37	1.9375	3.199
65.00	1792.2	1747.4	125.41	1.9231	3.212
66.00	1795.7	1750.9	125.45	1.9091	3.225
67.00	1799.2	1754.3	125.47	1.8955	3.237
68.00	1802.4	1757.6	125.62	1.8824	3.249
69.00	1805.8	1761.0	125.53	1.8696	3.261
70.00	1808.9	1764.1	125.55	1.8571	3.272
71.00	1811.8	1767.0	125.57	1.8451	3.283
72.00	1814.8	1770.0	125.60	1.8333	3.294
73.00	1817.7	1772.9	125.62	1.8219	3.304
74.00	1820.5	1775.7	125.65	1.8108	3.314
75.00	1823.2	1778.4	125.68	1.8000	3.324
76.00	1825.9	1781.1	125.70	1.7895	3.334
77.00	1828.4	1783.6	125.73	1.7792	3.343
78.00	1831.0	1786.2	125.75	1.7692	3.352
79.00	1833.4	1788.6	125.77	1.7595	3.361
80.00	1835.8	1791.0	125.81	1.7500	3.370

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9357 DST#9 HENDRIX C#4 WOOLSEY PETL.CORP.

DATE: 06/27/96 TIME: 06:38:49

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	81.00	1838.2	1793.4	125.83	1.7407	3.379
	82.00	1840.4	1795.6	125.85	1.7317	3.387
	83.00	1842.6	1797.8	125.87	1.7229	3.395
	84.00	1844.8	1800.0	125.90	1.7143	3.403
	85.00	1846.9	1802.1	125.94	1.7059	3.411
	86.00	1848.9	1804.1	125.95	1.6977	3.419
	87.00	1851.0	1806.2	125.98	1.6897	3.426
	88.00	1852.9	1808.1	125.99	1.6818	3.433
	89.00	1854.9	1810.1	126.02	1.6742	3.441
	90.00	1856.7	1811.9	126.05	1.6667	3.447
	91.00	1858.5	1813.7	126.07	1.6593	3.454
	92.00	1860.3	1815.5	126.09	1.6522	3.461
	93.00	1862.1	1817.3	126.10	1.6452	3.467
	94.00	1863.9	1819.1	126.14	1.6383	3.474
	95.00	1865.5	1820.7	126.17	1.6316	3.480
	96.00	1867.2	1822.4	126.18	1.6250	3.487
	97.00	1868.8	1824.0	126.22	1.6186	3.492
	98.00	1870.4	1825.6	126.23	1.6122	3.498
	99.00	1871.9	1827.1	126.26	1.6061	3.504
	100.00	1873.4	1828.6	126.28	1.6000	3.510
	101.00	1874.9	1830.1	126.30	1.5941	3.515
	102.00	1876.4	1831.6	126.36	1.5882	3.521
	103.00	1877.8	1833.0	126.36	1.5825	3.526
	104.00	1879.3	1834.5	126.37	1.5769	3.532
	105.00	1880.6	1835.8	126.39	1.5714	3.537
	106.00	1882.0	1837.2	126.42	1.5660	3.542
	107.00	1883.3	1838.5	126.44	1.5607	3.547
	108.00	1884.7	1839.9	126.46	1.5556	3.552
	109.00	1885.8	1841.0	126.47	1.5505	3.556
	110.00	1887.1	1842.3	126.51	1.5455	3.561
	111.00	1888.4	1843.6	126.53	1.5405	3.566
	112.00	1889.6	1844.8	126.55	1.5357	3.571
	113.00	1890.8	1846.0	126.58	1.5310	3.575
	114.00	1892.0	1847.2	126.58	1.5263	3.580
	115.00	1893.2	1848.3	126.61	1.5217	3.584
	116.00	1894.2	1849.4	126.64	1.5172	3.588
	117.00	1895.3	1850.5	126.66	1.5128	3.592
	118.00	1896.4	1851.6	126.67	1.5085	3.596
	119.00	1897.5	1852.7	126.71	1.5042	3.601
	120.00	1898.6	1853.8	126.72	1.5000	3.605
****** End Shut-in 2	121.00	1899.5	1854.7	126.75	1.4959	3.608
****** Final Hydro.	372.00	2493.0	0.0	126.82		

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hendrix "C" #4

LOCATION : 05-34S-13W, Barber Cty KS

TICKET No. 9357 D.S.T. No. 9 DATE 6-27-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 26

TOTAL TOOL 53

DRILL COLLAR ANCHOR IN INTERVAL 57

D.C. ANCHOR STND.Stands Single 1 Total 31

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 84

D.C. ABOVE TOOLS.Stands2 Single 1 Total 155

D.P. ABOVE TOOLS.Stands83 Single 1 Total 5166

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5405

TOTAL DEPTH 5381

TOTAL DRILL PIPE ABOVE K.B. 24

REMARKS: