

WELL NAME: Meeks-Henry #1-21
COMPANY: Hesse Petroleum Co
LOCATION: 21-24S-09W
Reno County Kansas
DATE: 09/10/97

TRILOBITE TESTING L.L.C.

OPERATOR : Hesse Petroleum Co

DATE 09-06-97

WELL NAME: Meeks-Henry #1-21

KB 1688.00 ft

TICKET NO: 10060

DST #1

LOCATION : 21-24S-09W Reno KS

GR 1683.00 ft

FORMATION: Miss

INTERVAL : 3771.00 To 3810.00 ft

TD 3810.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13788	13788	3030			PF Fr. 1803 to 1833 hr
SI 60 Range(Psi)	4650.0	4650.0	4995.0	0.0	0.0	IS Fr. 1833 to 1933 hr
SF 22 Clock(hrs)	12hr.	12hr.	Elec			SF Fr. 1933 to 1955 hr
FS 90 Depth(ft)	3807.0	3807.0	3778.0	0.0	0.0	FS Fr. 1955 to 2125 hr

	Field	1	2	3	4	
A. Init Hydro	1878.0	1917.0	1884.0	0.0	0.0	T STARTED 0128 hr
B. First Flow	684.0	627.0	741.0	0.0	0.0	T ON BOTM 1800 hr
Bl. Final Flow	488.0	523.0	538.0	0.0	0.0	T OPEN 1803 hr
C. In Shut-in	1186.0	1206.0	1206.0	0.0	0.0	T PULLED 2127 hr
D. Init Flow	601.0	614.0	730.0	0.0	0.0	T OUT 2330 hr
E. Final Flow	479.0	511.0	491.0	0.0	0.0	
F. Fl Shut-in	1156.0	1160.0	1155.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1840.0	1896.0	1811.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 24000.00 lbs
						Wt Pulled Loose 75000.00 lbs
						Initial Str Wt 48000.00 lbs
						Unseated Str Wt 49000.00 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 240.00 ft
						D.P. Length 3541.00 ft

RECOVERY

Tot Fluid 260.00 ft of 240.00 ft in DC and 20.00 ft in DP
 20.00 ft of Drilling Mud
 180.00 ft of Slight Water CUt Mud
 0.00 ft of 5%water 95%mud
 60.00 ft of Gassy Slight Water Cut Mud
 0.00 ft of 5%gas 5%water 90%mud
 0.00 ft of
 0.00 ft of Rw 0.21ohms @81 dgrees F.
 0.00 ft of EST. FT. OF PAY-----16
 SALINITY 31000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow, Gas to Surface in 1.5 min
 See Gas Volume Report

Initial Shut In:
 No blow after blow down

Final Flow:
 Strong blow, see gas volume report

Final Shut In:
 No blow after blow down.

SAMPLES: Gas sample
 SENT TO:Caraway / Liberal Ks

Test Successful: Y

MUD DATA-----

Mud Type Chemical
 Weight 9.10 lb/c
 Vis. 66.00 S/L
 W.L. 12.80 in3
 F.C. 0.20 in
 Mud Drop N

Amt. of fill 0.00 ft
 Btm. H. Temp. 116.00 F
 Hole Condition good
 % Porosity 15.00
 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. Hesse /Dixon
 Contr. Pickrell Drlg.
 Rig # 1
 Unit #
 Pump T. LCM 0#/bl

*** TOOL DIAGRAM *** CONV

WELL NAME: Meeks-Henry #1-21

LOCATION : 21-24s-09w

TICKET No. 10060 D.S.T. No. 1 DATE 09-06-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 39

TOTAL TOOL 59

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 59

D.C. ABOVE TOOLS.Stands4 Single Total 240

D.P. ABOVE TOOLS.Stands62 Single Total 3541

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3840

TOTAL DEPTH 3810

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

FLUID SAMPLER DATA (not run)

GAS----- Cubic Ft.

OIL----- ML.

MUD----- ML.

WATER----- ML.

OTHER----- ML.

PRESSURE----- PSI

Rw----- OHMS @

DEGREES F

CHLORIDES----- ppm.

P.O. SUB

C.O. SUB Top of tool @ 3751

S.I. TOOL Sterling 3757

HMV Sterling 3762

JARS no

SAFETY JOINT no

PACKER Top 3766

PACKER Bottom 3771

DEPTH 3771

STUBB 1' 3772

ANCHOR

perfs

Alpine Rec. @ 3778

T.C.
DEPTH

33 ft. perfs to 3805

AK-1 Rec. @ 3807

BULLNOSE 5' Perforated to 3810
T.D.

GAS RECOVERY

COMPANY: Hesse Petroleum Co DATE: 09-06-97
WELL NAME: Meeks-Henry #1-21 KB Elev: 1688.00 ft TICKET #10060 DST #1
WELL LOCATION: 21-24s-09w GR Elev: 1683.00 ft FORMATION: Miss
INTERVAL Fr.: 3771.00 To 3810.00 T.D.: 3810.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.75	175	0	2644000.0
10	0.75	195	0	2923000.0
15	0.75	185	0	2783000.0
20	0.75	175	0	2644000.0
30	0.75	165	0	2504000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.75	175	0	2644000.0
20	0.75	160	0	2434000.0
22	0.75	160	0	2434000.0

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, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 972657
Sample From: Meeks-Henry 1-21 DST 1
Producer: Hesse Petroleum Co.
Date:
Time:
Sampler:
Source:

Analyzed: 09/11/97
Pressure:
Temperature:
Location: 21-24-9
County: Reno
State: Kansas
Formation: Miss.

	Mole %	GPM
Helium	He: 0.925	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 11.065	0.000
Carbon Dioxide	CO2: 0.048	0.000
Methane	C1: 75.733	0.000
Ethane	C2: 6.629	1.773
Propane	C3: 3.315	0.913
Iso Butane	iC4: 0.438	0.143
Normal Butane	nC4: 1.060	0.334
Iso Pentane	iC5: 0.107	0.039
Normal Pentane	nC5: 0.132	0.048
Hexanes Plus	C6+: 0.548	0.239

TOTAL: 100.000 3.490
Z Fact: 0.9975
SP.GR.: 0.7015
BTU (SAT): 1038.8 @ 14.73 psia
BTU (DRY): 1057.2 @ 14.73 psia
OCTANE RATING: 110.1

COMMENTS:

0.000

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97

TIME: 04:28:36

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	107.50	1884.3	0.0	104.44		
***** Start Flow 1	0.00	741.0	0.0	104.67		
	0.50	666.7	-74.4	104.93		
	1.00	634.8	-106.2	105.33		
	1.50	626.2	-114.9	105.80		
	2.00	617.3	-123.7	106.25		
	2.50	613.9	-127.1	106.65		
	3.00	611.7	-129.4	106.99		
	3.50	610.7	-130.3	107.26		
	4.00	610.1	-131.0	107.50		
	4.50	610.3	-130.7	107.68		
	5.00	610.5	-130.6	107.84		
	5.50	610.7	-130.3	107.96		
	6.00	610.8	-130.2	108.07		
	6.50	610.8	-130.2	108.15		
	7.00	610.6	-130.4	108.22		
	7.50	610.1	-130.9	108.28		
	8.00	609.2	-131.8	108.33		
	8.50	608.1	-133.0	108.37		
	9.00	606.7	-134.3	108.41		
	9.50	605.0	-136.0	108.44		
	10.00	603.1	-137.9	108.46		
	10.50	601.0	-140.0	108.48		
	11.00	599.1	-142.0	108.50		
	11.50	597.3	-143.7	108.51		
	12.00	594.9	-146.1	108.52		
	12.50	593.1	-147.9	108.53		
	13.00	590.4	-150.7	108.54		
	13.50	588.3	-152.7	108.54		
	14.00	585.8	-155.2	108.55		
	14.50	583.5	-157.5	108.55		
	15.00	581.1	-159.9	108.55		
	15.50	577.8	-163.2	108.54		
	16.00	575.6	-165.4	108.55		
	16.50	573.4	-167.7	108.54		
	17.00	569.5	-171.6	108.53		
	17.50	565.7	-175.4	108.54		
	18.00	563.3	-177.7	108.53		
	18.50	561.7	-179.3	108.53		
	19.00	559.5	-181.5	108.52		
	19.50	556.0	-185.0	108.51		
	20.00	554.2	-186.9	108.50		
	20.50	552.2	-188.9	108.50		
	21.00	550.1	-190.9	108.49		
	21.50	547.0	-194.0	108.49		
	22.00	542.2	-198.8	108.48		
	22.50	542.6	-198.5	108.47		
	23.00	539.4	-201.7	108.46		
	23.50	537.7	-203.4	108.46		
	24.00	535.0	-206.0	108.45		
	24.50	531.7	-209.3	108.44		

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DATE: 09/02/97

TIME: 04:28:36

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	25.00	530.3	-210.7	108.44		
	25.50	528.9	-212.2	108.43		
	26.00	526.6	-214.5	108.43		
	26.50	523.9	-217.1	108.42		
	27.00	522.2	-218.9	108.42		
	27.50	520.3	-220.7	108.41		
	28.00	517.8	-223.2	108.41		
	28.50	514.4	-226.6	108.41		
***** End Flow 1	29.00	538.2	-202.8	108.41		
***** Start Shutin 1	0.00	538.2	0.0	108.41	0.0000	0.290
	0.50	848.3	310.1	108.42	59.0000	0.720
	1.00	889.8	351.5	108.53	30.0000	0.792
	1.50	915.5	377.3	108.82	20.3333	0.838
	2.00	935.8	397.5	109.27	15.5000	0.876
	2.50	952.9	414.7	109.82	12.6000	0.908
	3.00	968.0	429.8	110.39	10.6667	0.937
	3.50	981.4	443.2	110.93	9.2857	0.963
	4.00	993.6	455.4	111.43	8.2500	0.987
	4.50	1004.7	466.5	111.89	7.4444	1.009
	5.00	1014.8	476.6	112.29	6.8000	1.030
	5.50	1024.2	485.9	112.66	6.2727	1.049
	6.00	1032.6	494.4	112.98	5.8333	1.066
	6.50	1040.3	502.1	113.27	5.4615	1.082
	7.00	1047.5	509.3	113.53	5.1429	1.097
	7.50	1054.2	516.0	113.75	4.8667	1.111
	8.00	1060.3	522.1	113.96	4.6250	1.124
	8.50	1066.0	527.8	114.15	4.4118	1.136
	9.00	1071.3	533.1	114.32	4.2222	1.148
	9.50	1076.3	538.1	114.47	4.0526	1.158
	10.00	1081.0	542.7	114.60	3.9000	1.168
	10.50	1085.3	547.1	114.72	3.7619	1.178
	11.00	1089.4	551.2	114.83	3.6364	1.187
	11.50	1093.3	555.1	114.92	3.5217	1.195
	12.00	1097.0	558.8	115.00	3.4167	1.203
	12.50	1100.4	562.2	115.08	3.3200	1.211
	13.00	1103.7	565.5	115.15	3.2308	1.218
	13.50	1106.8	568.6	115.20	3.1481	1.225
	14.00	1109.7	571.5	115.25	3.0714	1.232
	14.50	1112.6	574.4	115.30	3.0000	1.238
	15.00	1115.2	577.0	115.33	2.9333	1.244
	15.50	1117.7	579.5	115.36	2.8710	1.249
	16.00	1120.2	582.0	115.38	2.8125	1.255
	16.50	1122.6	584.4	115.41	2.7576	1.260
	17.00	1124.8	586.6	115.42	2.7059	1.265
	17.50	1127.0	588.7	115.44	2.6571	1.270
	18.00	1129.0	590.8	115.44	2.6111	1.275
	18.50	1131.0	592.8	115.45	2.5676	1.279
	19.00	1132.8	594.6	115.45	2.5263	1.283
	19.50	1134.7	596.5	115.45	2.4872	1.288
	20.00	1136.5	598.3	115.45	2.4500	1.292
	20.50	1138.2	599.9	115.44	2.4146	1.295

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97

TIME: 04:28:36

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
21.00	1139.8	601.6	115.43	2.3810	1.299
21.50	1141.4	603.2	115.42	2.3488	1.303
22.00	1142.9	604.7	115.41	2.3182	1.306
22.50	1144.4	606.2	115.40	2.2889	1.310
23.00	1145.9	607.6	115.38	2.2609	1.313
23.50	1147.3	609.1	115.36	2.2340	1.316
24.00	1148.6	610.4	115.35	2.2083	1.319
24.50	1149.9	611.7	115.33	2.1837	1.322
25.00	1151.3	613.1	115.31	2.1600	1.325
25.50	1152.6	614.3	115.28	2.1373	1.328
26.00	1153.8	615.6	115.26	2.1154	1.331
26.50	1155.0	616.8	115.24	2.0943	1.334
27.00	1156.2	617.9	115.22	2.0741	1.337
27.50	1157.3	619.1	115.21	2.0545	1.339
28.00	1158.4	620.2	115.18	2.0357	1.342
28.50	1159.5	621.3	115.16	2.0175	1.344
29.00	1160.6	622.4	115.14	2.0000	1.347
29.50	1161.7	623.4	115.11	1.9831	1.349
30.00	1162.7	624.5	115.10	1.9667	1.352
30.50	1163.7	625.5	115.07	1.9508	1.354
31.00	1164.7	626.5	115.06	1.9355	1.356
31.50	1165.7	627.5	115.04	1.9206	1.359
32.00	1166.6	628.4	115.01	1.9062	1.361
32.50	1167.5	629.3	115.00	1.8923	1.363
33.00	1168.5	630.3	114.98	1.8788	1.365
33.50	1169.4	631.2	114.96	1.8657	1.367
34.00	1170.3	632.0	114.94	1.8529	1.369
34.50	1171.1	632.9	114.92	1.8406	1.372
35.00	1172.0	633.8	114.91	1.8286	1.374
35.50	1172.9	634.7	114.89	1.8169	1.376
36.00	1173.7	635.5	114.87	1.8056	1.378
36.50	1174.6	636.3	114.85	1.7945	1.380
37.00	1175.4	637.1	114.83	1.7838	1.381
37.50	1176.2	638.0	114.82	1.7733	1.383
38.00	1177.0	638.7	114.79	1.7632	1.385
38.50	1177.8	639.5	114.78	1.7532	1.387
39.00	1178.5	640.3	114.77	1.7436	1.389
39.50	1179.3	641.1	114.75	1.7342	1.391
40.00	1180.0	641.8	114.74	1.7250	1.392
40.50	1180.8	642.6	114.72	1.7160	1.394
41.00	1181.5	643.3	114.70	1.7073	1.396
41.50	1182.2	644.0	114.69	1.6988	1.398
42.00	1183.0	644.8	114.67	1.6905	1.399
42.50	1183.7	645.4	114.66	1.6824	1.401
43.00	1184.4	646.2	114.64	1.6744	1.403
43.50	1185.0	646.8	114.63	1.6667	1.404
44.00	1185.7	647.5	114.61	1.6591	1.406
44.50	1186.4	648.2	114.60	1.6517	1.408
45.00	1187.1	648.9	114.58	1.6444	1.409
45.50	1187.8	649.5	114.57	1.6374	1.411
46.00	1188.5	650.2	114.57	1.6304	1.412

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97

TIME: 04:28:36

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	46.50	1189.1	650.9	114.55	1.6237	1.414
	47.00	1189.7	651.5	114.54	1.6170	1.415
	47.50	1190.4	652.2	114.53	1.6105	1.417
	48.00	1191.0	652.8	114.52	1.6042	1.418
	48.50	1191.7	653.4	114.51	1.5979	1.420
	49.00	1192.3	654.1	114.49	1.5918	1.422
	49.50	1192.9	654.7	114.49	1.5859	1.423
	50.00	1193.5	655.3	114.48	1.5800	1.425
	50.50	1194.2	656.0	114.47	1.5743	1.426
	51.00	1194.8	656.6	114.46	1.5686	1.427
	51.50	1195.4	657.2	114.45	1.5631	1.429
	52.00	1196.0	657.8	114.44	1.5577	1.430
	52.50	1196.6	658.4	114.44	1.5524	1.432
	53.00	1197.2	659.0	114.43	1.5472	1.433
	53.50	1197.8	659.6	114.42	1.5421	1.435
	54.00	1198.3	660.1	114.41	1.5370	1.436
	54.50	1198.9	660.7	114.40	1.5321	1.437
	55.00	1199.5	661.3	114.39	1.5273	1.439
	55.50	1200.1	661.8	114.39	1.5225	1.440
	56.00	1200.6	662.4	114.38	1.5179	1.441
	56.50	1201.1	662.9	114.38	1.5133	1.443
	57.00	1201.7	663.5	114.37	1.5088	1.444
	57.50	1202.2	664.0	114.37	1.5043	1.445
	58.00	1202.8	664.6	114.36	1.5000	1.447
	58.50	1203.3	665.1	114.36	1.4957	1.448
	59.00	1203.9	665.7	114.35	1.4915	1.449
	59.50	1204.4	666.2	114.34	1.4874	1.451
	60.00	1204.9	666.7	114.34	1.4833	1.452
	60.50	1205.5	667.3	114.33	1.4793	1.453
***** End Shut-in 1	61.00	1206.0	667.8	114.33	1.4754	1.454
***** Start Flow 2	0.00	730.2	0.0	114.24		
	0.50	676.5	-53.7	113.96		
	1.00	643.4	-86.8	113.52		
	1.50	623.5	-106.7	113.03		
	2.00	610.5	-119.7	112.59		
	2.50	600.5	-129.7	112.22		
	3.00	592.4	-137.8	111.94		
	3.50	587.5	-142.7	111.72		
	4.00	584.4	-145.8	111.56		
	4.50	582.2	-148.0	111.42		
	5.00	580.3	-149.9	111.33		
	5.50	578.2	-152.0	111.24		
	6.00	575.9	-154.3	111.18		
	6.50	573.6	-156.6	111.13		
	7.00	571.0	-159.2	111.09		
	7.50	568.3	-161.9	111.06		
	8.00	565.4	-164.8	111.04		
	8.50	562.4	-167.7	111.02		
	9.00	559.3	-170.9	111.00		
	9.50	556.2	-174.0	110.99		
	10.00	553.0	-177.2	110.97		

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DATE: 09/02/97

TIME: 04:28:36

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.50	549.7	-180.5	110.95		
	11.00	546.3	-183.9	110.94		
	11.50	543.0	-187.2	110.93		
	12.00	539.8	-190.4	110.91		
	12.50	536.4	-193.8	110.90		
	13.00	533.4	-196.8	110.89		
	13.50	530.5	-199.7	110.87		
	14.00	527.7	-202.5	110.85		
	14.50	524.8	-205.4	110.83		
	15.00	522.6	-207.6	110.82		
	15.50	520.4	-209.8	110.79		
	16.00	517.7	-212.5	110.77		
	16.50	515.2	-215.0	110.74		
	17.00	512.2	-218.0	110.73		
	17.50	509.8	-220.4	110.70		
	18.00	507.2	-223.0	110.67		
	18.50	504.3	-225.9	110.65		
	19.00	501.7	-228.5	110.62		
	19.50	499.1	-231.1	110.60		
	20.00	496.2	-234.0	110.57		
	20.50	493.1	-237.1	110.54		
***** End Flow 2	21.00	490.5	-239.7	110.52		
***** Start Shutin 2	0.00	490.5	0.0	110.52	0.0000	0.241
	0.50	707.0	216.5	110.49	101.0000	0.500
	1.00	771.7	281.2	110.49	51.0000	0.595
	1.50	802.3	311.7	110.57	34.3333	0.644
	2.00	824.7	334.2	110.79	26.0000	0.680
	2.50	843.2	352.7	111.13	21.0000	0.711
	3.00	859.2	368.7	111.53	17.6667	0.738
	3.50	873.4	382.8	111.94	15.2857	0.763
	4.00	886.1	395.6	112.35	13.5000	0.785
	4.50	897.8	407.3	112.73	12.1111	0.806
	5.00	908.3	417.8	113.07	11.0000	0.825
	5.50	918.0	427.5	113.38	10.0909	0.843
	6.00	926.9	436.4	113.65	9.3333	0.859
	6.50	935.0	444.5	113.89	8.6923	0.874
	7.00	942.5	452.0	114.10	8.1429	0.888
	7.50	949.5	459.0	114.28	7.6667	0.902
	8.00	956.0	465.5	114.45	7.2500	0.914
	8.50	962.1	471.6	114.60	6.8824	0.926
	9.00	967.7	477.2	114.73	6.5556	0.936
	9.50	973.0	482.5	114.85	6.2632	0.947
	10.00	977.9	487.4	114.96	6.0000	0.956
	10.50	982.5	492.0	115.05	5.7619	0.965
	11.00	987.0	496.5	115.14	5.5455	0.974
	11.50	991.2	500.7	115.22	5.3478	0.982
	12.00	995.1	504.5	115.29	5.1667	0.990
	12.50	998.9	508.4	115.35	5.0000	0.998
	13.00	1002.4	511.9	115.40	4.8462	1.005
	13.50	1005.7	515.2	115.45	4.7037	1.011
	14.00	1009.0	518.5	115.49	4.5714	1.018

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97

TIME: 04:28:36

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
14.50	1012.0	521.5	115.53	4.4483	1.024
15.00	1014.9	524.4	115.56	4.3333	1.030
15.50	1017.8	527.3	115.58	4.2258	1.036
16.00	1020.5	529.9	115.60	4.1250	1.041
16.50	1023.0	532.5	115.62	4.0303	1.047
17.00	1025.5	534.9	115.64	3.9412	1.052
17.50	1027.9	537.4	115.65	3.8571	1.057
18.00	1030.2	539.7	115.65	3.7778	1.061
18.50	1032.3	541.8	115.66	3.7027	1.066
19.00	1034.5	544.0	115.67	3.6316	1.070
19.50	1036.6	546.0	115.66	3.5641	1.074
20.00	1038.5	547.9	115.66	3.5000	1.078
20.50	1040.4	549.8	115.66	3.4390	1.082
21.00	1042.2	551.7	115.65	3.3810	1.086
21.50	1044.0	553.5	115.64	3.3256	1.090
22.00	1045.8	555.3	115.64	3.2727	1.094
22.50	1047.5	557.0	115.63	3.2222	1.097
23.00	1049.2	558.6	115.62	3.1739	1.101
23.50	1050.8	560.2	115.61	3.1277	1.104
24.00	1052.3	561.8	115.59	3.0833	1.107
24.50	1053.9	563.4	115.58	3.0408	1.111
25.00	1055.4	564.8	115.57	3.0000	1.114
25.50	1056.9	566.4	115.55	2.9608	1.117
26.00	1058.2	567.7	115.54	2.9231	1.120
26.50	1059.7	569.2	115.53	2.8868	1.123
27.00	1061.0	570.5	115.51	2.8519	1.126
27.50	1062.4	571.9	115.50	2.8182	1.129
28.00	1063.7	573.1	115.49	2.7857	1.131
28.50	1065.0	574.4	115.47	2.7544	1.134
29.00	1066.2	575.6	115.46	2.7241	1.137
29.50	1067.3	576.7	115.44	2.6949	1.139
30.00	1068.6	578.1	115.43	2.6667	1.142
30.50	1069.7	579.2	115.41	2.6393	1.144
31.00	1070.9	580.4	115.39	2.6129	1.147
31.50	1072.1	581.6	115.38	2.5873	1.149
32.00	1073.1	582.6	115.36	2.5625	1.152
32.50	1074.3	583.8	115.35	2.5385	1.154
33.00	1075.4	584.9	115.33	2.5152	1.156
33.50	1076.3	585.8	115.32	2.4925	1.158
34.00	1077.5	587.0	115.30	2.4706	1.161
34.50	1078.5	588.0	115.29	2.4493	1.163
35.00	1079.4	588.9	115.27	2.4286	1.165
35.50	1080.5	590.0	115.26	2.4085	1.168
36.00	1081.5	591.0	115.24	2.3889	1.170
36.50	1082.5	592.0	115.23	2.3699	1.172
37.00	1083.5	593.0	115.21	2.3514	1.174
37.50	1084.4	593.9	115.20	2.3333	1.176
38.00	1085.5	594.9	115.19	2.3158	1.178
38.50	1086.3	595.8	115.17	2.2987	1.180
39.00	1087.2	596.7	115.16	2.2821	1.182
39.50	1088.1	597.6	115.15	2.2658	1.184

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97

TIME: 04:28:36

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
40.00	1089.0	598.5	115.14	2.2500	1.186
40.50	1089.9	599.4	115.13	2.2346	1.188
41.00	1090.7	600.2	115.11	2.2195	1.190
41.50	1091.7	601.2	115.11	2.2048	1.192
42.00	1092.5	602.0	115.10	2.1905	1.194
42.50	1093.4	602.9	115.08	2.1765	1.196
43.00	1094.3	603.7	115.07	2.1628	1.197
43.50	1095.1	604.6	115.06	2.1494	1.199
44.00	1096.0	605.4	115.05	2.1364	1.201
44.50	1096.7	606.2	115.04	2.1236	1.203
45.00	1097.6	607.1	115.03	2.1111	1.205
45.50	1098.4	607.9	115.02	2.0989	1.207
46.00	1099.2	608.7	115.01	2.0870	1.208
46.50	1099.9	609.4	115.01	2.0753	1.210
47.00	1100.8	610.3	115.00	2.0638	1.212
47.50	1101.6	611.1	114.99	2.0526	1.213
48.00	1102.4	611.9	114.99	2.0417	1.215
48.50	1103.0	612.5	114.97	2.0309	1.217
49.00	1103.9	613.4	114.97	2.0204	1.219
49.50	1104.7	614.2	114.96	2.0101	1.220
50.00	1105.4	614.9	114.96	2.0000	1.222
50.50	1106.1	615.6	114.95	1.9901	1.223
51.00	1106.9	616.4	114.95	1.9804	1.225
51.50	1107.6	617.1	114.94	1.9709	1.227
52.00	1108.4	617.9	114.94	1.9615	1.228
52.50	1109.1	618.6	114.93	1.9524	1.230
53.00	1109.7	619.2	114.93	1.9434	1.232
53.50	1110.5	620.0	114.92	1.9346	1.233
54.00	1111.2	620.7	114.92	1.9259	1.235
54.50	1112.0	621.4	114.91	1.9174	1.236
55.00	1112.6	622.1	114.91	1.9091	1.238
55.50	1113.2	622.7	114.90	1.9009	1.239
56.00	1114.0	623.5	114.89	1.8929	1.241
56.50	1114.8	624.3	114.89	1.8850	1.243
57.00	1115.4	624.9	114.89	1.8772	1.244
57.50	1116.1	625.6	114.88	1.8696	1.246
58.00	1116.7	626.2	114.88	1.8621	1.247
58.50	1117.4	626.9	114.88	1.8547	1.249
59.00	1118.1	627.6	114.88	1.8475	1.250
59.50	1118.7	628.2	114.88	1.8403	1.252
60.00	1119.4	628.9	114.88	1.8333	1.253
60.50	1120.0	629.5	114.88	1.8264	1.254
61.00	1120.6	630.1	114.87	1.8197	1.256
61.50	1121.4	630.9	114.87	1.8130	1.258
62.00	1122.1	631.6	114.87	1.8065	1.259
62.50	1122.7	632.2	114.87	1.8000	1.260
63.00	1123.3	632.8	114.87	1.7937	1.262
63.50	1124.0	633.4	114.87	1.7874	1.263
64.00	1124.5	634.0	114.87	1.7812	1.265
64.50	1125.1	634.6	114.86	1.7752	1.266
65.00	1125.8	635.3	114.87	1.7692	1.267

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97

TIME: 04:28:36

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
65.50	1126.5	636.0	114.86	1.7634	1.269
66.00	1127.1	636.6	114.86	1.7576	1.270
66.50	1127.7	637.2	114.86	1.7519	1.272
67.00	1128.3	637.8	114.86	1.7463	1.273
67.50	1128.9	638.3	114.86	1.7407	1.274
68.00	1129.4	638.9	114.86	1.7353	1.276
68.50	1130.1	639.6	114.86	1.7299	1.277
69.00	1130.7	640.2	114.86	1.7246	1.279
69.50	1131.3	640.8	114.86	1.7194	1.280
70.00	1131.9	641.4	114.86	1.7143	1.281
70.50	1132.5	642.0	114.86	1.7092	1.283
71.00	1133.1	642.6	114.86	1.7042	1.284
71.50	1133.6	643.1	114.86	1.6993	1.285
72.00	1134.2	643.7	114.86	1.6944	1.286
72.50	1134.7	644.2	114.87	1.6897	1.288
73.00	1135.4	644.9	114.86	1.6849	1.289
73.50	1136.0	645.5	114.87	1.6803	1.290
74.00	1136.5	646.0	114.86	1.6757	1.292
74.50	1137.2	646.6	114.87	1.6711	1.293
75.00	1137.7	647.1	114.87	1.6667	1.294
75.50	1138.2	647.7	114.87	1.6623	1.296
76.00	1138.8	648.3	114.87	1.6579	1.297
76.50	1139.4	648.8	114.87	1.6536	1.298
77.00	1139.9	649.4	114.87	1.6494	1.299
77.50	1140.4	649.8	114.87	1.6452	1.300
78.00	1141.0	650.5	114.87	1.6410	1.302
78.50	1141.5	651.0	114.88	1.6369	1.303
79.00	1142.1	651.6	114.88	1.6329	1.304
79.50	1142.7	652.1	114.88	1.6289	1.306
80.00	1143.2	652.7	114.88	1.6250	1.307
80.50	1143.7	653.1	114.88	1.6211	1.308
81.00	1144.2	653.7	114.88	1.6173	1.309
81.50	1144.8	654.2	114.88	1.6135	1.310
82.00	1145.3	654.8	114.89	1.6098	1.312
82.50	1145.8	655.3	114.89	1.6061	1.313
83.00	1146.4	655.9	114.89	1.6024	1.314
83.50	1146.9	656.4	114.89	1.5988	1.315
84.00	1147.4	656.9	114.89	1.5952	1.317
84.50	1147.9	657.4	114.89	1.5917	1.318
85.00	1148.4	657.9	114.90	1.5882	1.319
85.50	1149.0	658.5	114.89	1.5848	1.320
86.00	1149.5	659.0	114.90	1.5814	1.321
86.50	1149.9	659.4	114.90	1.5780	1.322
87.00	1150.4	659.9	114.91	1.5747	1.323
87.50	1151.0	660.5	114.91	1.5714	1.325
88.00	1151.4	660.9	114.91	1.5682	1.326
88.50	1151.9	661.4	114.91	1.5650	1.327
89.00	1152.5	662.0	114.91	1.5618	1.328
89.50	1153.0	662.5	114.91	1.5587	1.329
90.00	1153.4	662.9	114.92	1.5556	1.330
90.50	1153.9	663.4	114.92	1.5525	1.331

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

DATE: 09/02/97 TIME: 04:28:36

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	91.00	1154.5	664.0	114.93	1.5495	1.333
	91.50	1154.9	664.4	114.93	1.5464	1.334
***** End Shut-in 2	92.00	1155.3	664.8	114.93	1.5435	1.335
***** Final Hydro.	316.00	1811.2	0.0	114.13		

TEST HISTORY 10060 DST#1 MEEKS-HENRY #1-21 HESSE PETL.

Flag Points

t(Min.) P(PSig)

A: 0.00 1884.31
 B: 0.00 741.03
 C: 29.00 538.22
 D: 61.00 1205.98
 E: 0.00 730.20
 F: 21.00 490.51
 G: 92.00 1155.32
 Q: 0.00 1811.23

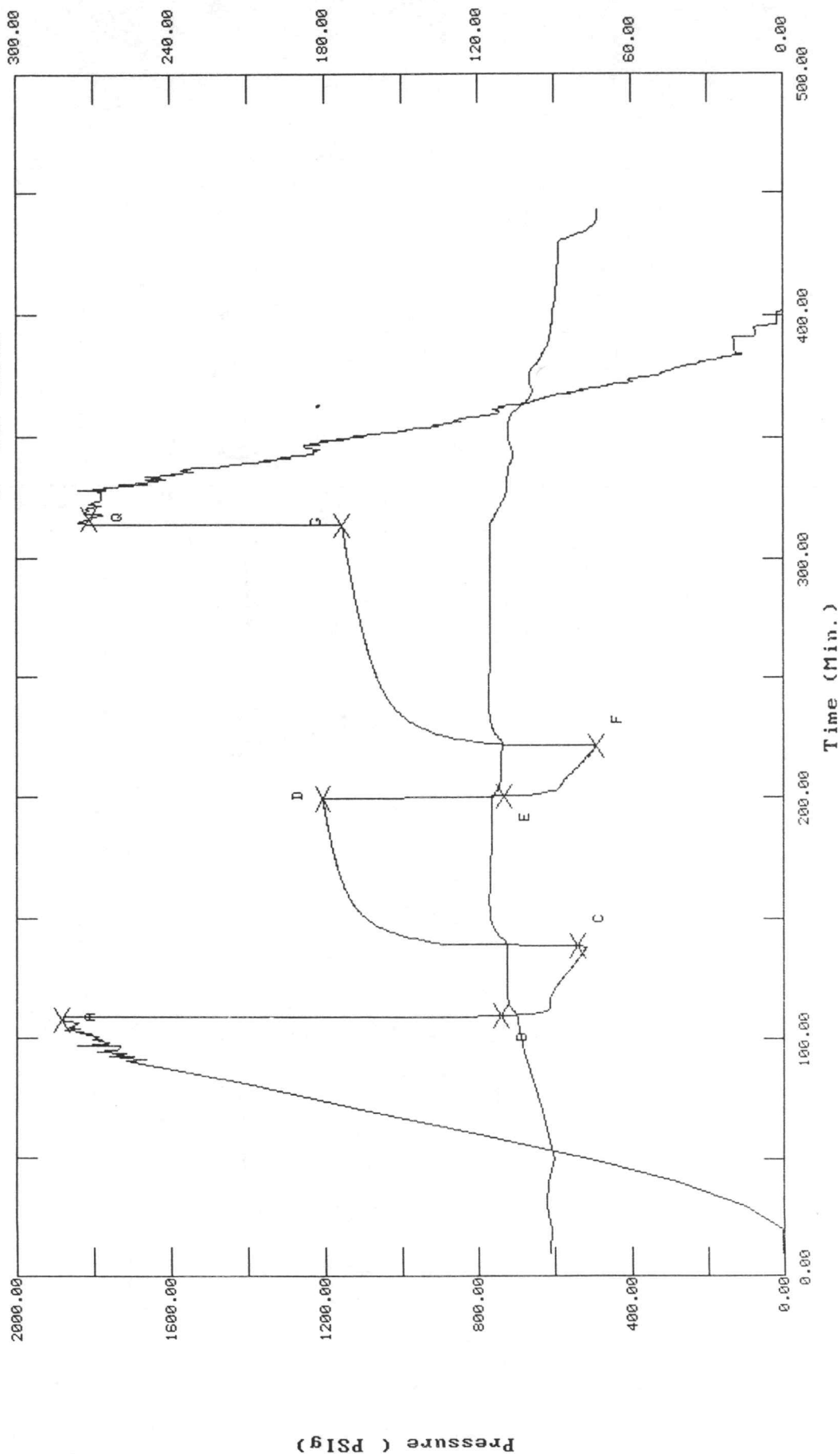
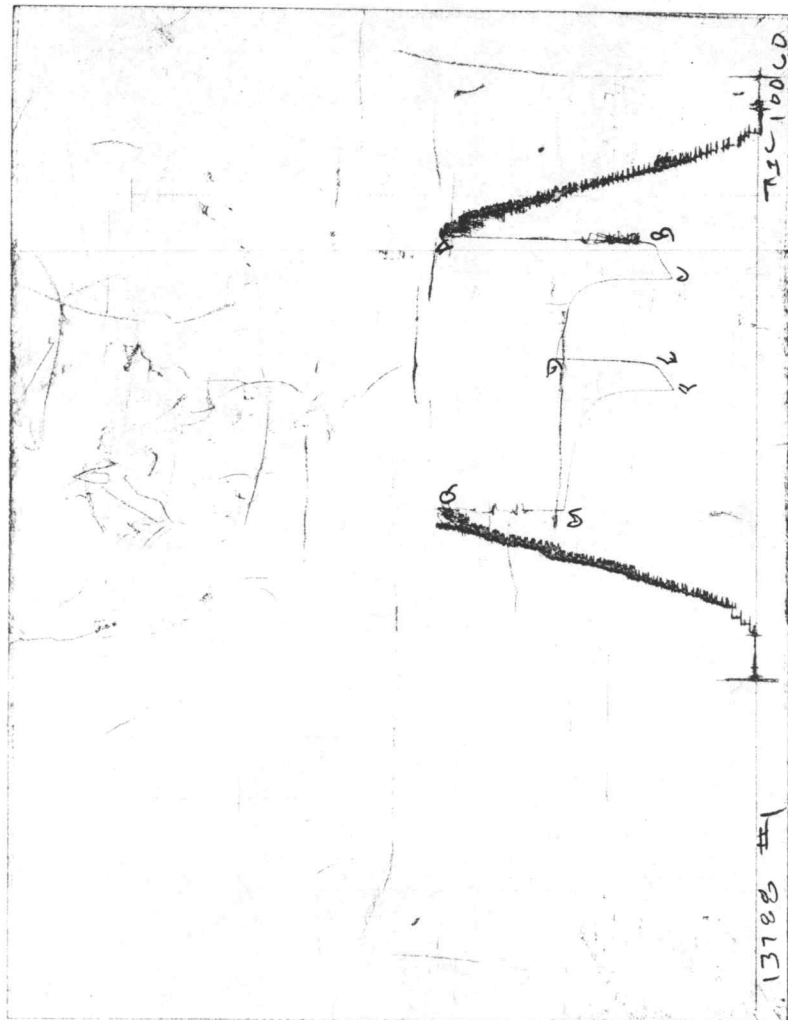


CHART PAGE



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