

WELL NAME: Pfeifer #1
COMPANY: Hertal Oil Company
LOCATION: 17-14s-17w
Ellis County, Kansas
DATE: 8/4/98

TRILOBITE TESTING L.L.C.

OPERATOR : Hertel Oil Company
WELL NAME: Pfeifer #1
LOCATION : 17-14s-17w Ellis co. KS
INTERVAL : 3501.00 To 3551.00 ft

DATE 8-2-98
KB 2001.00 ft TICKET NO: 11044 DST #1
GR 1993.00 ft FORMATION: Arbuckle
TD 3551.00 ft TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11084	11084	3246			PF Fr. 1551 to 1621 hr
SI 30	Range(Psi)	4050.0	4050.0	4995.0	0.0	0.0	IS Fr. 1621 to 1651 hr
SF 30	Clock(hrs)	12	12	batt			SF Fr. 1651 to 1721 hr
FS 45	Depth(ft)	3538.0	3538.0	3505.0	0.0	0.0	FS Fr. 1721 to 1806 hr

	Field	1	2	3	4	
A. Init Hydro	1778.0	1746.0	1719.0	0.0	0.0	T STARTED 1436 hr
B. First Flow	44.0	64.0	19.0	0.0	0.0	T ON BOTM 1547 hr
B1. Final Flow	44.0	64.0	22.0	0.0	0.0	T OPEN 1551 hr
C. In Shut-in	219.0	206.0	185.0	0.0	0.0	T PULLED 1806 hr
D. Init Flow	55.0	96.0	26.0	0.0	0.0	T OUT 1916 hr
E. Final Flow	55.0	96.0	28.0	0.0	0.0	
F. Fl Shut-in	197.0	192.0	117.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1767.0	1730.0	1691.0	0.0	0.0	Tool Wt. 1900.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 64000.00 lbs
						Initial Str Wt 32000.00 lbs
						Unseated Str Wt 32000.00 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 31.00 ft
						D.P. Length 3466.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
5.00 ft of slightly oil cut mud 10% oil 90% mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
weak blow died in 7 min
Final Flow:
no blow

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.30 lb/c
Vis. 50.00 S/L
W.L. 10.40 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 N
Tool Chased N
Tester Paul Simpson
Co. Rep. Randy Kilian
Contr. Discovery
Rig # 1
Unit #
Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Pfeifer #1

LOCATION : 17-14s-17w Ellis co. KS

TICKET No. 11044 D.S.T. No. 1 DATE 8-2-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 21

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 20

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 72

D.C. ABOVE TOOLS.Stands Single 1 Total 31

D.P. ABOVE TOOLS.Stands 56 Single 1 Total 3466

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3569

TOTAL DEPTH 3551

TOTAL DRILL PIPE ABOVE K.B. 18

REMARKS:

P.O. SUB	
C.O. SUB Top of tool @	3481
S.I. TOOL Sterling	3487
HMV Sterling	3492
JARS	
SAFETY JOINT	
PACKER Top	3496
PACKER Bottom	3501
DEPTH 3501	
STUBB 1'	3502
ANCHOR 3' perf	3505
Alpine Rec @ 3505	
1 joint of pipe & subs to	3538
AK-1 rec @ 3538	
5' pickup sub	3543
T.C. DEPTH	
5' perf	3548
BULLNOSE	
T.D. 3' bull plug to	3551

TEST HISTORY

11044 Hertel Oil Co. Pfeifer #1 DST #1

Flag Points

t (Min.)	P (PSig)
A: 0.00	1718.82
B: 0.00	19.11
C: 33.00	22.17
D: 27.50	185.32
E: 0.00	25.78
F: 38.50	28.28
G: 27.50	116.98
H: 0.00	1690.62

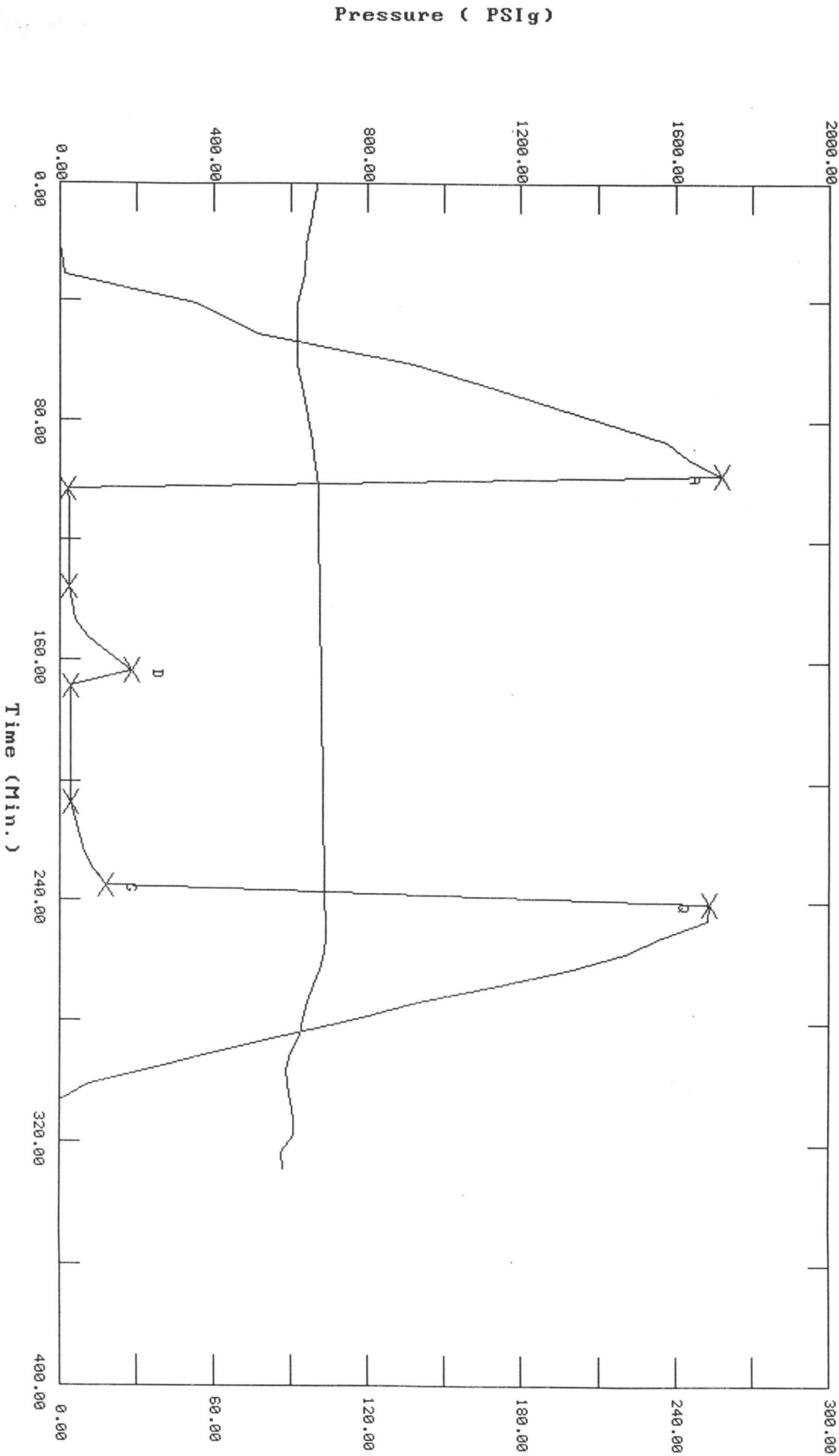
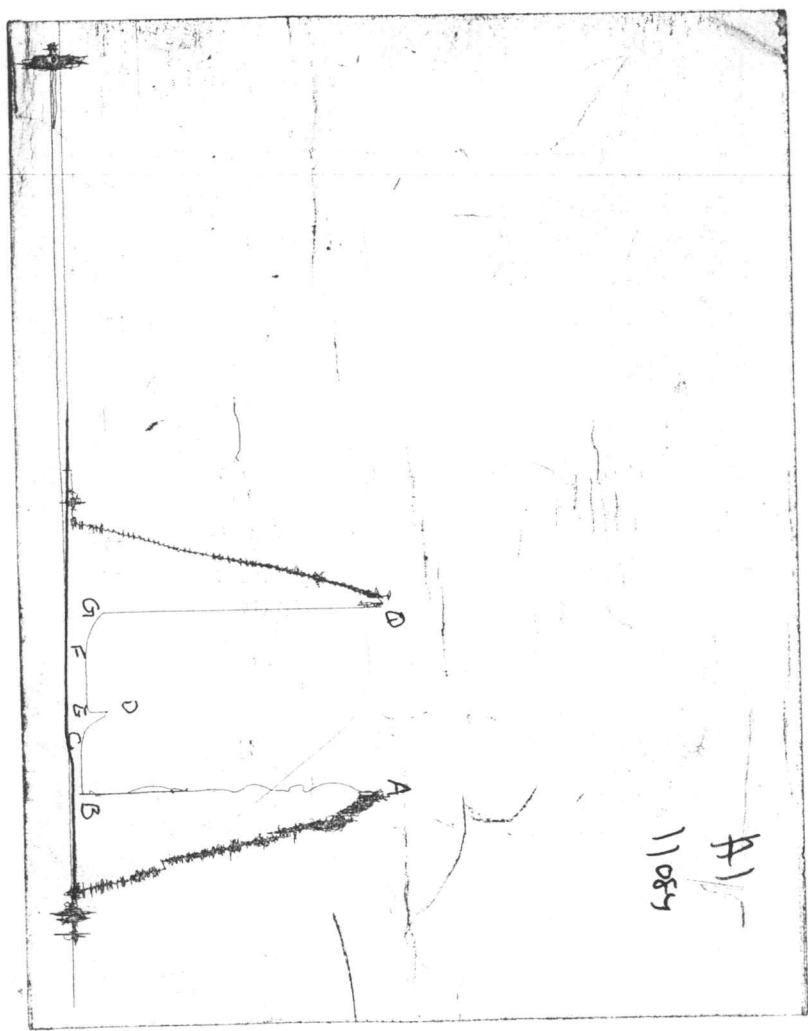


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11044 Hertel Oil Co. Pheifer #1 DST #1

DATE: 08/02/98

TIME: 14:07:55

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	97.50	1718.8	0.0	99.98		
***** Start Flow 1	0.00	19.1	0.0	100.82		
	5.50	21.0	1.9	100.83		
	11.00	21.0	1.9	100.78		
	16.50	21.0	1.9	100.81		
	22.00	21.1	1.9	100.89		
	27.50	21.4	2.3	101.01		
***** End Flow 1	33.00	22.2	3.1	101.14		
***** Start Shutin 1	0.00	22.2	0.0	101.14	0.0000	0.000
	5.50	28.5	6.3	101.27	7.0000	0.001
	11.00	40.1	17.9	101.40	4.0000	0.002
	16.50	71.7	49.5	101.52	3.0000	0.005
	22.00	126.9	104.7	101.64	2.5000	0.016
***** End Shut-in 1	27.50	185.3	163.1	101.76	2.2000	0.034
***** Start Flow 2	0.00	25.8	0.0	101.84		
	5.50	26.2	0.4	101.96		
	11.00	26.1	0.3	102.09		
	16.50	26.1	0.4	102.19		
	22.00	26.2	0.5	102.28		
	27.50	26.3	0.6	102.38		
	33.00	26.5	0.7	102.49		
***** End Flow 2	38.50	28.3	2.5	102.60		
***** Start Shutin 2	0.00	28.3	0.0	102.60	0.0000	0.001
	5.50	37.1	8.9	102.69	14.0000	0.001
	11.00	48.7	20.4	102.78	7.5000	0.002
	16.50	64.1	35.8	102.86	5.3333	0.004
	22.00	85.6	57.4	102.94	4.2500	0.007
***** End Shut-in 2	27.50	117.0	88.7	103.02	3.6000	0.014
***** Final Hydro.	240.50	1690.6	0.0	103.18		

TRILOBITE TESTING L.L.C.

OPERATOR : Hertel Oil Company

DATE 8-3-98

WELL NAME: Pfeifer #1

KB 2001.00 ft

TICKET NO: 11045

DST #2

LOCATION : Sec17 14s 17w Ellis KS

GR 1993.00 ft

FORMATION: Arbuckle

INTERVAL : 3551.00 To 3571.00 ft

TD 3571.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11084	11084	3246			PF Fr. 0605 to 0635 hr
SI 30 Range(Psi)	4050.0	4050.0	4995.0	0.0	0.0	IS Fr. 0635 to 0705 hr
SF 30 Clock(hrs)	12	12	batt			SF Fr. 0705 to 0735 hr
FS 35 Depth(ft)	3566.0	3566.0	3553.0	0.0	0.0	FS Fr. 0735 to 0805 hr

	Field	1	2	3	4	
A. Init Hydro	1832.0	1824.0	1761.0	0.0	0.0	T STARTED 0430 hr
B. First Flow	77.0	88.0	23.0	0.0	0.0	T ON BOTM 0602 hr
B1. Final Flow	77.0	88.0	34.0	0.0	0.0	T OPEN 0605 hr
C. In Shut-in	905.0	912.0	892.0	0.0	0.0	T PULLED 0805 hr
D. Init Flow	77.0	85.0	37.0	0.0	0.0	T OUT 0916 hr
E. Final Flow	77.0	85.0	44.0	0.0	0.0	
F. Fl Shut-in	862.0	868.0	852.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1778.0	1774.0	1739.0	0.0	0.0	Tool Wt. 1700.00 lbs
Inside/Outside	o	o	i			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 40000.00 lbs
						Initial Str Wt 32000.00 lbs
						Unseated Str Wt 32000.00 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 31.00 ft
						D.P. Length 3526.00 ft

RECOVERY

Tot Fluid 75.00 ft of 31.00 ft in DC and 44.00 ft in DP
 15.00 ft of heavy oil cut mud 45% oil 55% mud
 60.00 ft of slight watery mud cut oil
 0.00 ft of 50% oil 5% water 35% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 weak blow 1/2" blow decreasing

Final Flow:
 Surface blow died in 20 minutes.

SAMPLES:
 SENT TO:

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/c
Vis.	53.00 S/L
W.L.	10.40 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	105.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Randy Kilian
Contr.	Discovery
Rig #	1
Unit #	
Pump T.	

*** TOOL DIAGRAM *** CONV

ELL NAME: Pfeifer #1

LOCATION : Sec17 14s 17w Ellis KS

TICKET No. 11045 D.S.T. No. 2 DATE 8-3-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 21

INTERVAL TOOL

TOTAL PACKERS AND ANCHOR 20

TOTAL TOOL 41

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 72

D.C. ABOVE TOOLS.Stands Single 1 Total 31

D.P. ABOVE TOOLS.Stands 58 Single Total 3526

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3598

TOTAL DEPTH 3571

TOTAL DRILL PIPE ABOVE K.B. 27

REMARKS:

P.O. SUB	
C.O. SUB Top of tool @	3531
S.I. TOOL Sterling	3537
HMV Sterling	3542
JARS n/a	
SAFETY JOINT n/a	
PACKER Top	3546
PACKER Bottom	3551
DEPTH 3551	
STUBB 1'	3552
ANCHOR 1' perf	3553
Alpine Rec @ 3553	
5' pickup sub	3558
T.C.	
DEPTH	
5' perf	3563
5' perf	3568
AK-1 rec @ 3566	
BULLNOSE	
T.D. 3' bull plug to	3571

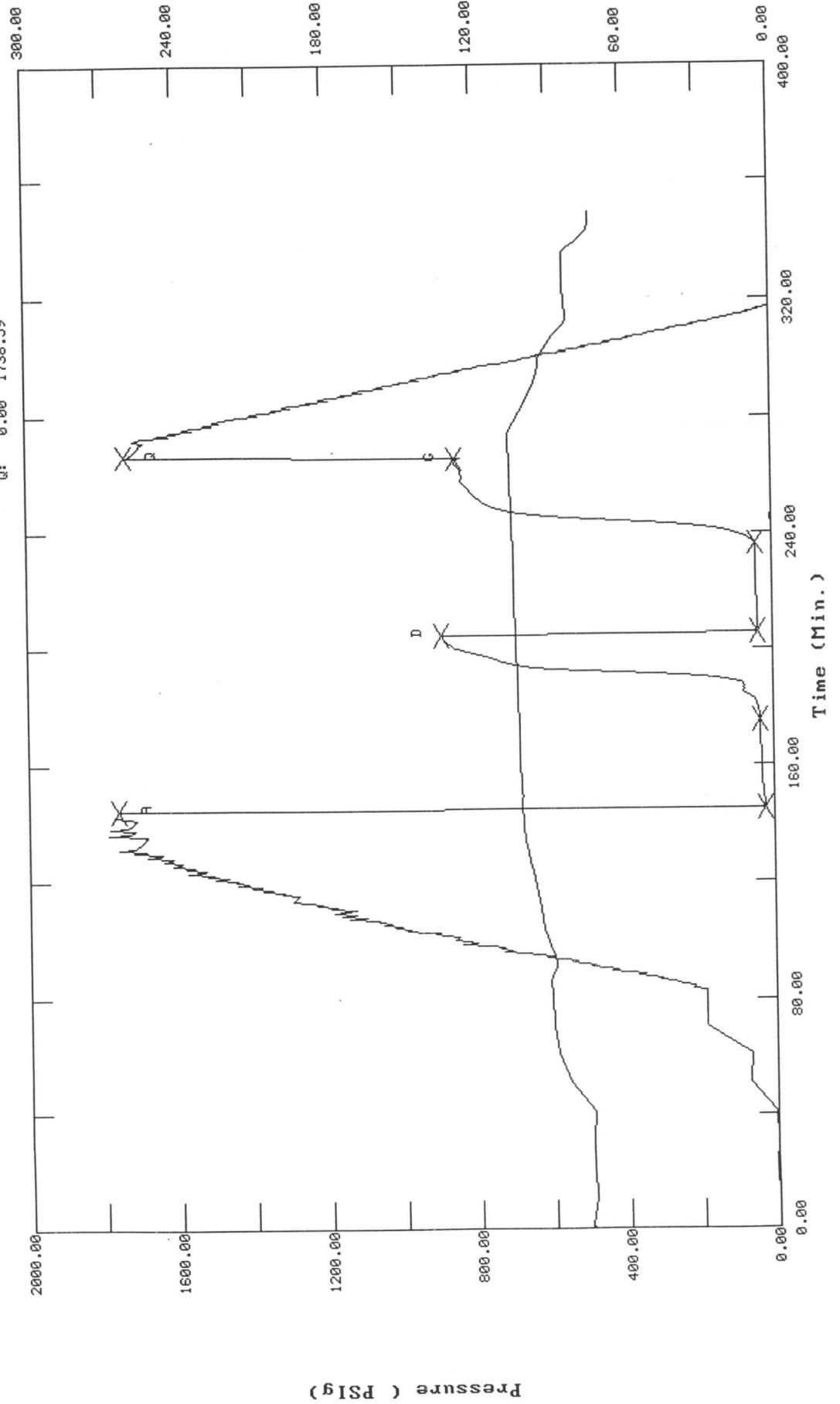
TEST HISTORY

11045 Hertel Oil Company Pfeifer #1 DST #2

Flag Points

t(Min.) P(PSig)

A: 0.00 1761.36
 B: 0.00 23.30
 C: 30.50 34.15
 D: 29.50 891.98
 E: 0.00 36.59
 F: 30.00 43.88
 G: 29.50 852.36
 Q: 0.00 1738.59



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 11045 Hertel Oil Company Pfeifer #1 DST #2
DATE: 08/03/98 TIME: 03:40:24

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	144.50	1761.4	0.0	101.67		
***** Start Flow 1	0.00	23.3	0.0	101.69		
	0.50	21.9	-1.4	101.69		
	1.00	22.5	-0.8	101.67		
	1.50	22.8	-0.5	101.66		
	2.00	23.2	-0.1	101.65		
	2.50	23.8	0.5	101.63		
	3.00	24.3	1.0	101.62		
	3.50	24.8	1.5	101.60		
	4.00	25.3	2.0	101.59		
	4.50	25.6	2.3	101.59		
	5.00	26.1	2.8	101.61		
	5.50	26.6	3.3	101.62		
	6.00	27.0	3.7	101.66		
	6.50	27.4	4.1	101.69		
	7.00	27.8	4.5	101.74		
	7.50	28.4	5.1	101.78		
	8.00	28.8	5.5	101.83		
	8.50	29.2	5.9	101.86		
	9.00	29.8	6.5	101.91		
	9.50	30.1	6.8	101.95		
	10.00	30.4	7.1	102.00		
	10.50	30.5	7.2	102.04		
	11.00	30.5	7.2	102.09		
	11.50	30.2	6.9	102.12		
	12.00	30.4	7.1	102.16		
	12.50	30.5	7.2	102.20		
	13.00	30.8	7.5	102.23		
	13.50	31.0	7.7	102.26		
	14.00	31.3	8.1	102.29		
	14.50	31.7	8.4	102.33		
	15.00	31.9	8.6	102.33		
	15.50	32.0	8.7	102.35		
	16.00	31.9	8.6	102.37		
	16.50	31.8	8.6	102.39		
	17.00	32.0	8.8	102.41		
	17.50	32.3	9.0	102.42		
	18.00	32.3	9.0	102.44		
	18.50	32.4	9.1	102.46		
	19.00	32.2	8.9	102.47		
	19.50	32.2	8.9	102.48		
	20.00	32.3	9.0	102.49		
	20.50	32.1	8.8	102.50		
	21.00	32.1	8.9	102.51		
	21.50	32.5	9.2	102.52		
	22.00	32.9	9.6	102.53		
	22.50	32.8	9.5	102.54		
	23.00	32.9	9.6	102.55		
	23.50	32.9	9.7	102.56		
	24.00	33.0	9.7	102.57		
	24.50	33.2	9.9	102.59		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11045 Hertel Oil Company Pfeifer #1 DST #2

DATE: 08/03/98 TIME: 03:40:24

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
25.00	33.2	9.9	102.59		
25.50	33.2	9.9	102.60		
26.00	33.2	10	102.61		
26.50	33.3	10.0	102.63		
27.00	33.4	10.1	102.65		
27.50	33.4	10.1	102.65		
28.00	33.5	10.2	102.65		
28.50	33.6	10.3	102.67		
29.00	33.7	10.5	102.68		
29.50	33.8	10.5	102.69		
30.00	34.0	10.7	102.71		
30.50	34.2	10.9	102.72		

***** End Flow 1

***** Start Shutin 1

0.00	34.2	0.0	102.72	0.0000	0.001
0.50	34.6	0.5	102.73	62.0000	0.001
1.00	35.0	0.9	102.74	31.5000	0.001
1.50	35.4	1.2	102.75	21.3333	0.001
2.00	35.6	1.5	102.78	16.2500	0.001
2.50	36.4	2.3	102.78	13.2000	0.001
3.00	37.7	3.5	102.80	11.1667	0.001
3.50	38.3	4.1	102.81	9.7143	0.001
4.00	38.5	4.4	102.82	8.6250	0.001
4.50	39.1	5.0	102.84	7.7778	0.002
5.00	40.8	6.7	102.85	7.1000	0.002
5.50	42.5	8.4	102.87	6.5455	0.002
6.00	43.7	9.6	102.88	6.0833	0.002
6.50	45.2	11.1	102.90	5.6923	0.002
7.00	48.2	14.1	102.91	5.3571	0.002
7.50	52.8	18.6	102.92	5.0667	0.003
8.00	59.6	25.4	102.94	4.8125	0.004
8.50	66.7	32.5	102.96	4.5882	0.004
9.00	73.3	39.2	102.97	4.3889	0.005
9.50	76.7	42.6	102.99	4.2105	0.006
10.00	76.6	42.4	103.01	4.0500	0.006
10.50	74.8	40.6	103.03	3.9048	0.006
11.00	78.1	43.9	103.04	3.7727	0.006
11.50	75.0	40.9	103.05	3.6522	0.006
12.00	76.8	42.7	103.07	3.5417	0.006
12.50	79.1	44.9	103.08	3.4400	0.006
13.00	88.1	54.0	103.11	3.3462	0.008
13.50	104.8	70.7	103.12	3.2593	0.011
14.00	126.2	92.1	103.13	3.1786	0.016
14.50	154.5	120.4	103.15	3.1034	0.024
15.00	194.3	160.1	103.17	3.0333	0.038
15.50	249.7	215.6	103.19	2.9677	0.062
16.00	324.5	290.3	103.21	2.9062	0.105
16.50	415.2	381.0	103.22	2.8485	0.172
17.00	508.8	474.6	103.25	2.7941	0.259
17.50	590.6	556.5	103.27	2.7429	0.349
18.00	643.8	609.6	103.31	2.6944	0.414
18.50	671.6	637.4	103.33	2.6486	0.451
19.00	694.5	660.4	103.36	2.6053	0.482

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: 11045 Hertel Oil Company Pfeifer #1 DST #2
DATE: 08/03/98 TIME: 03:40:24

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.50	712.7	678.5	103.38	2.5641	0.508
	20.00	726.4	692.3	103.41	2.5250	0.528
	20.50	737.5	703.3	103.44	2.4878	0.544
	21.00	746.2	712.1	103.48	2.4524	0.557
	21.50	757.7	723.5	103.49	2.4186	0.574
	22.00	775.3	741.2	103.52	2.3864	0.601
	22.50	788.8	754.6	103.54	2.3556	0.622
	23.00	806.6	772.5	103.57	2.3261	0.651
	23.50	824.4	790.2	103.59	2.2979	0.680
	24.00	836.7	802.6	103.61	2.2708	0.700
	24.50	846.1	811.9	103.63	2.2449	0.716
	25.00	853.7	819.6	103.66	2.2200	0.729
	25.50	859.8	825.6	103.68	2.1961	0.739
	26.00	865.0	830.8	103.70	2.1731	0.748
	26.50	869.7	835.5	103.72	2.1509	0.756
	27.00	874.1	839.9	103.74	2.1296	0.764
	27.50	877.9	843.8	103.76	2.1091	0.771
	28.00	881.9	847.8	103.78	2.0893	0.778
	28.50	885.7	851.6	103.80	2.0702	0.784
	29.00	889.0	854.8	103.81	2.0517	0.790
***** End Shut-in 1	29.50	892.0	857.8	103.83	2.0339	0.796
***** Start Flow 2	0.00	36.6	0.0	103.85		
	0.50	36.3	-0.3	103.86		
	1.00	36.5	-0.1	103.87		
	1.50	36.8	0.2	103.89		
	2.00	37.1	0.5	103.90		
	2.50	37.4	0.8	103.91		
	3.00	37.8	1.2	103.93		
	3.50	38.4	1.8	103.95		
	4.00	38.6	2.0	103.97		
	4.50	38.7	2.1	103.99		
	5.00	39.1	2.5	104.01		
	5.50	39.0	2.4	104.02		
	6.00	39.3	2.7	104.08		
	6.50	39.7	3.1	104.09		
	7.00	39.4	2.8	104.08		
	7.50	39.7	3.1	104.09		
	8.00	40.0	3.4	104.07		
	8.50	39.6	3.0	104.09		
	9.00	40.1	3.5	104.10		
	9.50	40.2	3.6	104.09		
	10.00	40.0	3.4	104.12		
	10.50	40.3	3.7	104.13		
	11.00	40.3	3.7	104.13		
	11.50	40.4	3.8	104.14		
	12.00	40.6	4.0	104.16		
	12.50	40.5	3.9	104.16		
	13.00	40.7	4.1	104.17		
	13.50	40.7	4.1	104.18		
	14.00	40.9	4.3	104.19		
	14.50	41.0	4.4	104.19		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11045 Hertel Oil Company Pfeifer #1 DST #2

DATE: 08/03/98 TIME: 03:40:24

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	15.00	40.9	4.3	104.20		
	15.50	41.2	4.6	104.21		
	16.00	41.2	4.6	104.22		
	16.50	41.4	4.8	104.23		
	17.00	41.4	4.8	104.24		
	17.50	41.5	4.9	104.25		
	18.00	41.5	4.9	104.26		
	18.50	41.5	4.9	104.27		
	19.00	41.7	5.1	104.28		
	19.50	41.8	5.2	104.30		
	20.00	42.0	5.4	104.31		
	20.50	42.1	5.5	104.32		
	21.00	42.1	5.5	104.33		
	21.50	42.2	5.6	104.34		
	22.00	42.3	5.7	104.35		
	22.50	42.5	5.9	104.36		
	23.00	42.5	5.9	104.38		
	23.50	42.7	6.1	104.39		
	24.00	42.7	6.1	104.41		
	24.50	42.9	6.3	104.42		
	25.00	42.9	6.3	104.43		
	25.50	43.0	6.4	104.44		
	26.00	43.0	6.4	104.45		
	26.50	43.2	6.6	104.47		
	27.00	43.3	6.7	104.48		
	27.50	43.5	6.9	104.49		
	28.00	43.5	6.9	104.51		
	28.50	43.6	7.0	104.52		
	29.00	43.7	7.1	104.53		
	29.50	43.8	7.2	104.55		
***** End Flow 2	30.00	43.9	7.3	104.56		
***** Start Shutin 2	0.00	43.9	0.0	104.56	0.0000	0.002
	0.50	46.4	2.5	104.58	122.0000	0.002
	1.00	51.3	7.4	104.59	61.5000	0.003
	1.50	56.8	12.9	104.60	41.3333	0.003
	2.00	63.2	19.3	104.62	31.2500	0.004
	2.50	70.5	26.7	104.63	25.2000	0.005
	3.00	79.2	35.3	104.65	21.1667	0.006
	3.50	89.4	45.6	104.66	18.2857	0.008
	4.00	101.9	58.0	104.67	16.1250	0.010
	4.50	117.0	73.2	104.68	14.4444	0.014
	5.00	135.9	92.0	104.70	13.1000	0.018
	5.50	159.6	115.7	104.72	12.0000	0.025
	6.00	190.1	146.2	104.74	11.0833	0.036
	6.50	229.6	185.7	104.75	10.3077	0.053
	7.00	280.2	236.3	104.77	9.6429	0.078
	7.50	342.9	299.0	104.79	9.0667	0.118
	8.00	412.6	368.7	104.81	8.5625	0.170
	8.50	482.0	438.2	104.83	8.1176	0.232
	9.00	548.1	504.2	104.85	7.7222	0.300
	9.50	601.9	558.0	104.80	7.3684	0.362

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 11045 Hertel Oil Company Pfeifer #1 DST #2
 DATE: 08/03/98 TIME: 03:40:24

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	10.00	644.1	600.2	104.91	7.0500	0.415
	10.50	676.8	633.0	104.93	6.7619	0.458
	11.00	701.9	658.0	104.96	6.5000	0.493
	11.50	721.3	677.4	104.98	6.2609	0.520
	12.00	736.7	692.8	105.01	6.0417	0.543
	12.50	749.5	705.6	105.03	5.8400	0.562
	13.00	758.8	714.9	105.06	5.6538	0.576
	13.50	766.8	722.9	105.08	5.4815	0.588
	14.00	773.7	729.9	105.10	5.3214	0.599
	14.50	780.0	736.1	105.12	5.1724	0.608
	15.00	785.3	741.4	105.15	5.0333	0.617
	15.50	790.4	746.6	105.16	4.9032	0.625
	16.00	794.6	750.7	105.19	4.7812	0.631
	16.50	798.1	754.2	105.20	4.6667	0.637
	17.00	801.5	757.6	105.22	4.5588	0.642
	17.50	805.5	761.6	105.24	4.4571	0.649
	18.00	809.6	765.7	105.26	4.3611	0.655
	18.50	812.6	768.7	105.27	4.2703	0.660
	19.00	816.1	772.2	105.29	4.1842	0.666
	19.50	820.2	776.4	105.30	4.1026	0.673
	20.00	824.6	780.8	105.32	4.0250	0.680
	20.50	828.5	784.6	105.34	3.9512	0.686
	21.00	831.6	787.7	105.36	3.8810	0.692
	21.50	835.9	792.0	105.37	3.8140	0.699
	22.00	834.4	790.5	105.38	3.7500	0.696
	22.50	832.2	788.3	105.39	3.6889	0.693
	23.00	831.7	787.8	105.42	3.6304	0.692
	23.50	831.9	788.1	105.42	3.5745	0.692
	24.00	834.0	790.1	105.44	3.5208	0.696
	24.50	835.9	792.0	105.45	3.4694	0.699
	25.00	836.9	793.0	105.47	3.4200	0.700
	25.50	837.1	793.2	105.49	3.3725	0.701
	26.00	837.6	793.7	105.49	3.3269	0.702
	26.50	842.1	798.2	105.51	3.2830	0.709
	27.00	847.9	804.0	105.52	3.2407	0.719
	27.50	851.7	807.8	105.53	3.2000	0.725
	28.00	852.8	808.9	105.55	3.1607	0.727
	28.50	855.2	811.3	105.56	3.1228	0.731
	29.00	853.6	809.7	105.58	3.0862	0.729
***** End Shut-in 2	29.50	852.4	808.5	105.58	3.0508	0.727
***** Final Hydro.	266.50	1738.6	0.0	105.63		