14-21-35W

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 10984

Well Name & No. Foster "D" #3 Test No. 1 Date 10-26-98

Company Lebsack Oil Prod. Zone Tested Marmaton

Address P.O. Box 482 Hays KS. 67601 Elevation 3109 KB 3104 GL

Co. Rep / Geo. Wayne Lebsack Cont. Abercrombie Rig 4 Est. Ft. of Pay 6 Por. 17 %

Location: Sec. 14 Twp. 21S Rge. 35W Co. Kearney State Ks.

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) Y Evaluation (Y, N) ____ Abercrombie

Interval Tested 4900-5010 Initial Str Wt./Lbs. 78,000 Unseated Str Wt./Lbs. 80,000

Anchor Length 110' Tool=27' Wt. Set Lbs. 35,000 Wt. Pulled Loose/Lbs. 42,000

Top Packer Depth 4895 Tool Weight 3,300

Bottom Packer Depth 4900 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 5010 Wt. Pipe Run — Drill Collar Run 179

Mud Wt. 9.4 LCM 1/2# Vis. 50 WL 7.2 Drill Pipe Size 4½ XH Ft. Run 4725 31 up

Blow Description Weak 2", built to strong. OBB in 25 min. I.F.P.
No blow-back. I.S.I.P.
Surface blow, built to 10" in bucket. 60 min. F.F.P.
No blow-back. F.S.I.P.

Recovery — Total Feet 550 GIP 60 Ft. in DC 179 Ft. in DP 371

Rec. 5	Feet Of Cln oil	%gas	100	%oil		%water		%mud
Rec. 30	Feet Of Mod Wtr/scm oil	%gas		%oil	62	%water	38	%mud
Rec. 275	Feet Of Wtr w/scm of oil	%gas		%oil		%water	100	%mud
Rec. 60	Feet Of Wtr/scm of oil	%gas		%oil	30	%water	70	%mud
Rec. 180	Feet Of Wtr.	%gas		%oil		%water	100	%mud

BHT 118 °F Gravity 28 °API D@ 60 °F Corrected Gravity 28 °API

RW 0.28 @ 51 °F Chlorides 37,000 ppm Recovery Chlorides 3,200 ppm System

(A) Initial Hydrostatic Mud	2496	2407 PSI	Recorder No.	3017 "21=48"	T-Started	10=00 P.M.
(B) First Initial Flow Pressure	135	57 PSI	(depth)	4902	T-Open	11=45 P.M.
(C) First Final Flow Pressure	238	202 PSI	Recorder No.	10242	T-Pulled	3=45 A.M.
(D) Initial Shut-in Pressure	576	515 PSI	(depth)	5007	T-Out	7=45 A.M.
(E) Second Initial Flow Pressure	278	205 PSI	Recorder No.	—		
(F) Second Final Flow Pressure	329	279 PSI	(depth)	—		
(G) Final Shut-in Pressure	572	514 PSI	Initial Opening	60	Test	✓
(H) Final Hydrostatic Mud	2484 AK-1	2388 PSI Alpine	Initial Shut-in	60	Jars	✓
			Final Flow	60	Safety Joint	✓
			Final Shut-in	60	Straddle	
					Circ. Sub	✓
					Sampler	
					Extra Packer	
					Elect. Rec.	✓
					Other	
					TOTAL PRICE $	

A2682148.017

TRILOBIITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Wayne Lebsack

Our Representative Thomas L. Sulton

TRILOBITE TESTING L.L.C.

OPERATOR : Lebsack Oil Prod.
WELL NAME: Foster "D" #3
LOCATION : 14-21S-3W 35 W
INTERVAL : 4900.00 To 5010.00 ft

DATE 10-26-98
KB 3109.00 ft TICKET NO: 10984 DST #1
GR 3104.00 ft FORMATION: Morrow
TD 5010.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins			Field	1	2	3	4
PF	60	Rec.	10242	10242	Alpine		
SI	60	Range(Psi)	4100.0	4100.0	5000.0	0.0	0.0
SF	60	Clock(hrs)	12 HR	12 HR	12 HR		
FS	60	Depth(ft)	5007.0	5007.0	4902.0	0.0	0.0

TIME DATA----------
PF Fr. 2345 to 0045 hr
IS Fr. 0045 to 0145 hr
SF Fr. 0145 to 0245 hr
FS Fr. 0245 to 0345 hr

	Field	1	2	3	4
A. Init Hydro	2496.0	0.0	2407.0	0.0	0.0
B. First Flow	135.0	0.0	57.0	0.0	0.0
Bl. Final Flow	238.0	0.0	202.0	0.0	0.0
C. In Shut-in	576.0	0.0	515.0	0.0	0.0
D. Init Flow	278.0	0.0	205.0	0.0	0.0
E. Final Flow	329.0	0.0	279.0	0.0	0.0
F. Fl Shut-in	572.0	0.0	514.0	0.0	0.0
G. Final Hydro	2484.0	0.0	2388.0	0.0	0.0
Inside/Outside	0	0	I		

T STARTED 2200 hr
T ON BOTM 2342 hr
T OPEN 2345 hr
T PULLED 0345 hr
T OUT 0745 hr

RECOVERY
Tot Fluid 550.00 ft of 179.00 ft in DC and 371.00 ft in DP
60.00 ft of GIP
5.00 ft of Cln Oil 100%O
30.00 ft of Mud cut Wtr w/scum of Oil 62%W 38%M
275.00 ft of Wtr w/scum of Oil 100%W
60.00 ft of Wtr cut Mud w/scum of Oil 30%W 70%M
180.00 ft of Wtr 100%W
0.00 ft of
0.00 ft of
SALINITY 37000.00 P.P.M. A.P.I. Gravity 28.00

BLOW DESCRIPTION

Weak 2", built to strong OBB in 25 min.
I.F.P.

No blow-back. I.S.I.P.

Surface blow, built to 10" in bucket.
60 min. F.F.P.

No blow-back. F.S.I.P.

SAMPLES: None
SENT TO:

Test Successful: Y

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

Tool Wt.	3300.00 lbs
Wt Set On Packer	35000.00 lbs
Wt Pulled Loose	12000.00 lbs
Initial Str Wt	78000.00 lbs
Unseated Str Wt	80000.00 lbs
Bot Choke	0.75 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	179.00 ft
D.P. Length	4725.00 ft

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

Mud Type	Chem.
Weight	9.40 lb/cf
Vis.	50.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	20.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	Good
% Porosity	17.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Lanny Saloga
Co. Rep.	Wayne Lebsack
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Foster "D" #3

LOCATION : 14-21S-3W35W

TICKET No. 10984 D.S.T. No. 1 DATE 10-26-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR 18

TOTAL TOOL 45

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 1 Single 1 Total 92

TOTAL ASSEMBLY 137

D.C. ABOVE TOOLS.Stands 3 Single Total 179

D.P. ABOVE TOOLS.Stands 76 Single Total 4725

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5041

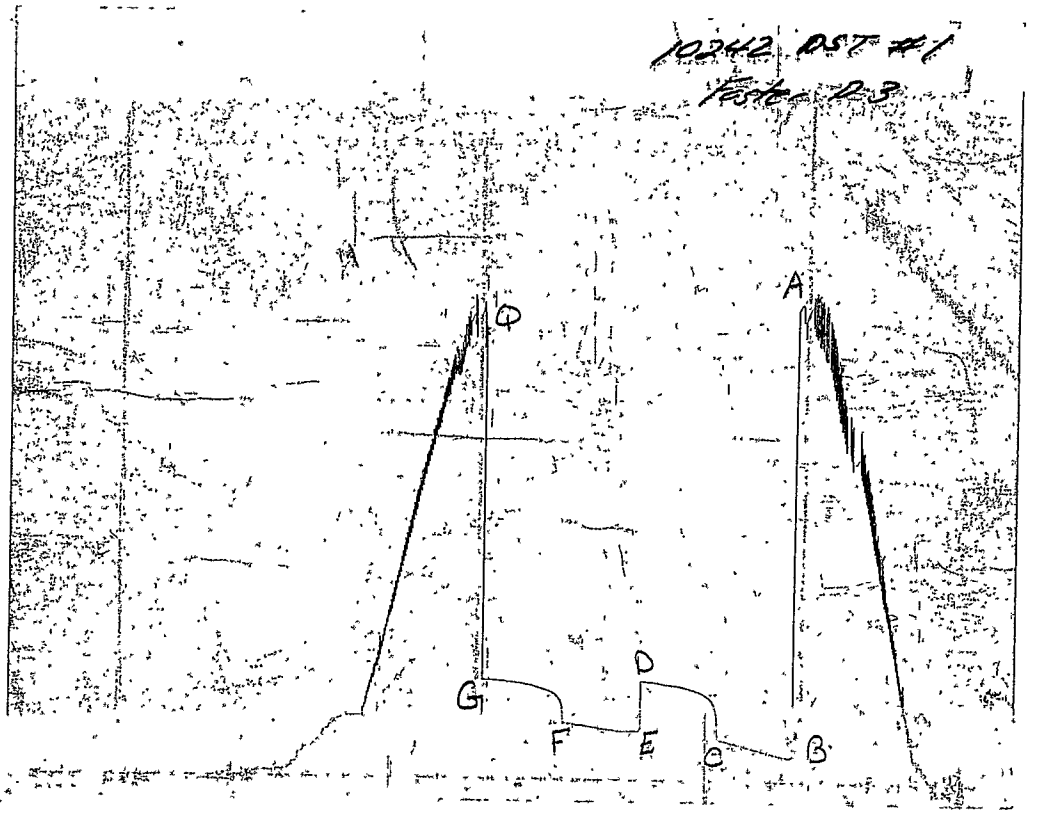
TOTAL DEPTH 5010

TOTAL DRILL PIPE ABOVE K.B. 31

REMARKS:

P.O. SUB Cir. sub	4813
C.O. SUB Top of tool	4873
Double pin	4874
S.I. TOOL H&T	4879
HMV Sterling	4884
JARS Sterling	4889
SAFETY JOINT Bowen	4891
PACKER Sparton	4896
PACKER Sparton	4900
DEPTH	
STUBB Rec. sub	4902
ANCHOR Alpine	4902
Pu. sub	4907
7 ft. perfs	4914
Co. sub	4915
T.C.	
DEPTH	
1 std. 1 jt. DP	5007
AK-1	5007
Co. sub	5008
BULLNOSE 2 ft. perf	
T.D.	5010

CHART PAGE



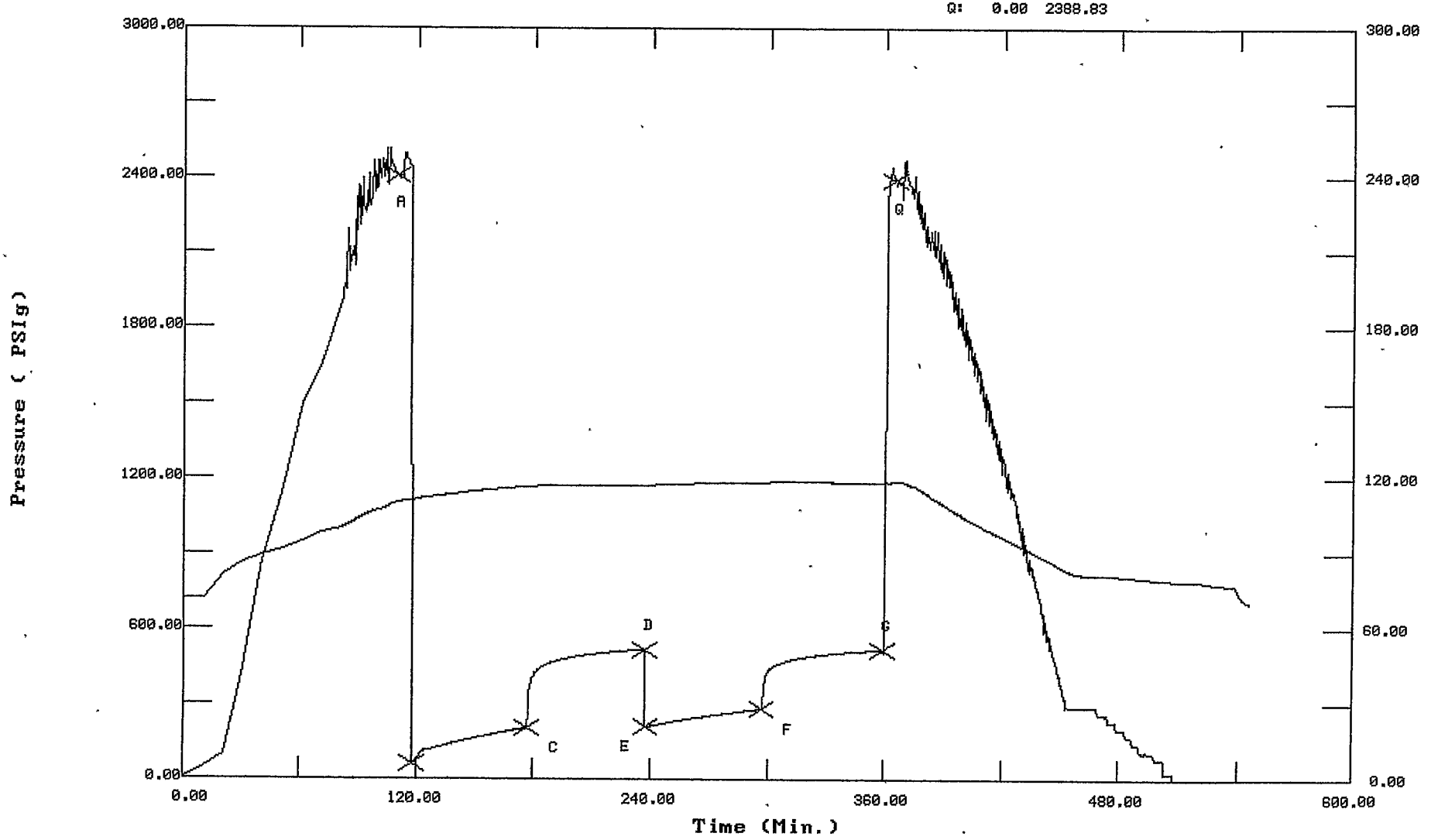
This is a photocopy of the actual AK-1 recorder chart

TEST HISTORY

10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2407.20
B:	0.00	57.58
C:	59.50	202.40
D:	60.00	515.65
E:	0.00	205.08
F:	59.50	279.92
G:	62.00	514.62
Q:	0.00	2388.83



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
****** Initial Hydro.	109.50	2407.2	0.0	110.17		
***** Start Flow 1	0.00	57.6	0.0	111.14		
	0.50	62.1	4.5	111.15		
	1.00	65.6	8.0	111.18		
	1.50	69.4	11.8	111.24		
	2.00	74.0	16.5	111.33		
	2.50	78.7	21.1	111.44		
	3.00	82.9	25.4	111.56		
	3.50	87.8	30.2	111.68		
	4.00	93.1	35.5	111.78		
	4.50	96.9	39.3	111.89		
	5.00	100.3	42.8	111.97		
	5.50	103.7	46.1	112.04		
	6.00	106.9	49.3	112.11		
	6.50	109.0	51.4	112.16		
	7.00	109.6	52.1	112.20		
	7.50	110.4	52.8	112.25		
	8.00	111.0	53.5	112.29		
	8.50	111.7	54.1	112.30		
	9.00	112.3	54.7	112.31		
	9.50	113.3	55.7	112.35		
	10.00	114.4	56.8	112.40		
	10.50	115.3	57.7	112.44		
	11.00	116.4	58.9	112.49		
	11.50	117.6	60.0	112.54		
	12.00	118.9	61.4	112.60		
	12.50	119.9	62.3	112.65		
	13.00	121.0	63.4	112.71		
	13.50	122.2	64.6	112.75		
	14.00	123.2	65.6	112.79		
	14.50	124.3	66.7	112.84		
	15.00	125.3	67.8	112.88		
	15.50	126.4	68.8	112.93		
	16.00	127.5	69.9	112.97		
	16.50	129.5	71.9	113.00		
	17.00	130.5	72.9	113.05		
	17.50	131.6	74.0	113.09		
	18.00	132.7	75.2	113.14		
	18.50	133.9	76.3	113.20		
	19.00	135.0	77.4	113.23		
	19.50	136.0	78.4	113.28		
	20.00	137.0	79.4	113.32		
	20.50	138.0	80.4	113.37		
	21.00	139.0	81.4	113.40		
	21.50	140.0	82.4	113.46		
	22.00	140.9	83.4	113.52		
	22.50	142.0	84.4	113.55		
	23.00	142.9	85.3	113.61		
	23.50	143.8	86.3	113.66		
	24.00	144.8	87.2	113.71		
	24.50	145.7	88.1	113.76		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
25.00	146.6	89.0	113.82		
25.50	147.8	90.2	113.87		
26.00	148.8	91.2	113.91		
26.50	149.6	92.1	113.97		
27.00	150.5	92.9	114.01		
27.50	151.4	93.8	114.06		
28.00	152.3	94.7	114.11		
28.50	153.2	95.6	114.17		
29.00	154.0	96.5	114.21		
29.50	154.9	97.3	114.27		
30.00	155.8	98.2	114.31		
30.50	156.7	99.1	114.36		
31.00	157.5	100	114.41		
31.50	158.4	100.8	114.44		
32.00	159.2	101.7	114.49		
32.50	160.1	102.5	114.55		
33.00	160.9	103.4	114.59		
33.50	162.0	104.5	114.63		
34.00	163.0	105.4	114.67		
34.50	163.8	106.3	114.72		
35.00	164.7	107.1	114.77		
35.50	165.5	107.9	114.80		
36.00	166.3	108.7	114.85		
36.50	167.1	109.5	114.89		
37.00	168.0	110.4	114.92		
37.50	168.8	111.2	114.95		
38.00	169.6	112.0	115.00		
38.50	170.5	112.9	115.04		
39.00	171.2	113.7	115.09		
39.50	172.0	114.4	115.12		
40.00	172.8	115.2	115.16		
40.50	173.6	116.0	115.19		
41.00	174.4	116.8	115.23		
41.50	175.2	117.6	115.26		
42.00	176.0	118.5	115.30		
42.50	177.1	119.5	115.33		
43.00	178.0	120.4	115.37		
43.50	178.7	121.2	115.41		
44.00	179.5	122.0	115.44		
44.50	180.3	122.7	115.48		
45.00	181.2	123.6	115.50		
45.50	181.9	124.3	115.55		
46.00	182.7	125.1	115.58		
46.50	183.4	125.8	115.61		
47.00	184.1	126.6	115.64		
47.50	184.9	127.3	115.68		
48.00	185.6	128.0	115.70		
48.50	186.3	128.8	115.74		
49.00	187.1	129.5	115.77		
49.50	187.8	130.2	115.80		
50.00	188.5	130.9	115.83		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	50.50	189.2	131.6	115.87		
	51.00	189.9	132.4	115.89		
	51.50	190.7	133.1	115.92		
	52.00	191.5	133.9	115.96		
	52.50	192.4	134.8	115.99		
	53.00	193.1	135.6	116.01		
	53.50	193.9	136.3	116.05		
	54.00	194.6	137.0	116.08		
	54.50	195.3	137.7	116.11		
	55.00	196.0	138.4	116.14		
	55.50	196.7	139.1	116.16		
	56.00	197.4	139.8	116.19		
	56.50	198.1	140.5	116.22		
	57.00	198.8	141.2	116.24		
	57.50	199.6	142.0	116.27		
	58.00	200.3	142.7	116.29		
	58.50	201.0	143.4	116.32		
	59.00	201.7	144.1	116.35		
***** End Flow 1	59.50	202.4	144.8	116.36		
****** Start Shutin 1	0.00	202.4	0.0	116.36	0.0000	0.041
	0.50	271.0	68.6	116.40	120.0000	0.073
	1.00	339.5	137.1	116.42	60.5000	0.115
	1.50	370.4	168.0	116.45	40.6667	0.137
	2.00	388.2	185.8	116.47	30.7500	0.151
	2.50	400.1	197.7	116.50	24.8000	0.160
	3.00	409.0	206.6	116.52	20.8333	0.167
	3.50	415.8	213.5	116.55	18.0000	0.173
	4.00	421.5	219.1	116.57	15.8750	0.178
	4.50	426.2	223.8	116.59	14.2222	0.182
	5.00	430.4	228.0	116.62	12.9000	0.185
	5.50	434.0	231.6	116.63	11.8182	0.188
	6.00	437.3	234.9	116.65	10.9167	0.191
	6.50	440.3	237.9	116.68	10.1538	0.194
	7.00	443.0	240.6	116.70	9.5000	0.196
	7.50	445.6	243.2	116.72	8.9333	0.199
	8.00	447.9	245.5	116.73	8.4375	0.201
	8.50	450.0	247.6	116.74	8.0000	0.203
	9.00	452.0	249.6	116.77	7.6111	0.204
	9.50	454.0	251.6	116.78	7.2632	0.206
	10.00	455.8	253.4	116.80	6.9500	0.208
	10.50	457.5	255.1	116.81	6.6667	0.209
	11.00	459.2	256.8	116.83	6.4091	0.211
	11.50	460.8	258.4	116.85	6.1739	0.212
	12.00	462.3	259.9	116.85	5.9583	0.214
	12.50	463.7	261.3	116.87	5.7600	0.215
	13.00	465.1	262.7	116.88	5.5769	0.216
	13.50	466.4	264.0	116.90	5.4074	0.218
	14.00	467.6	265.2	116.90	5.2500	0.219
	14.50	468.9	266.5	116.91	5.1034	0.220
	15.00	470.1	267.7	116.92	4.9667	0.221
	15.50	471.3	268.9	116.94	4.8387	0.222

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
16.00	472.3	269.9	116.94	4.7188	0.223
16.50	473.4	271.0	116.95	4.6061	0.224
17.00	474.4	272.0	116.97	4.5000	0.225
17.50	475.5	273.1	116.98	4.4000	0.226
18.00	476.4	274.0	116.98	4.3056	0.227
18.50	477.3	274.9	116.99	4.2162	0.228
19.00	478.3	275.9	117.00	4.1316	0.229
19.50	479.2	276.8	117.00	4.0513	0.230
20.00	480.1	277.7	117.00	3.9750	0.231
20.50	481.0	278.6	117.02	3.9024	0.231
21.00	481.8	279.4	117.02	3.8333	0.232
21.50	482.6	280.2	117.03	3.7674	0.233
22.00	483.5	281.1	117.03	3.7045	0.234
22.50	484.2	281.8	117.03	3.6444	0.234
23.00	485.0	282.6	117.05	3.5870	0.235
23.50	485.7	283.3	117.05	3.5319	0.236
24.00	486.5	284.1	117.05	3.4792	0.237
24.50	487.2	284.8	117.06	3.4286	0.237
25.00	487.9	285.5	117.06	3.3800	0.238
25.50	488.6	286.2	117.07	3.3333	0.239
26.00	489.3	286.9	117.08	3.2885	0.239
26.50	489.9	287.5	117.07	3.2453	0.240
27.00	490.6	288.2	117.08	3.2037	0.241
27.50	491.2	288.8	117.08	3.1636	0.241
28.00	491.8	289.4	117.08	3.1250	0.242
28.50	492.4	290.0	117.09	3.0877	0.242
29.00	493.0	290.6	117.09	3.0517	0.243
29.50	493.6	291.2	117.09	3.0169	0.244
30.00	494.2	291.8	117.09	2.9833	0.244
30.50	494.7	292.3	117.11	2.9508	0.245
31.00	495.3	292.9	117.11	2.9194	0.245
31.50	495.8	293.4	117.11	2.8889	0.246
32.00	496.3	293.9	117.11	2.8594	0.246
32.50	496.8	294.4	117.13	2.8308	0.247
33.00	497.3	294.9	117.12	2.8030	0.247
33.50	497.8	295.4	117.12	2.7761	0.248
34.00	498.3	295.9	117.12	2.7500	0.248
34.50	498.8	296.4	117.12	2.7246	0.249
35.00	499.3	296.9	117.12	2.7000	0.249
35.50	499.7	297.3	117.13	2.6761	0.250
36.00	500.2	297.8	117.12	2.6528	0.250
36.50	500.7	298.3	117.12	2.6301	0.251
37.00	501.1	298.7	117.12	2.6081	0.251
37.50	501.6	299.2	117.13	2.5867	0.252
38.00	502.0	299.6	117.13	2.5658	0.252
38.50	502.4	300.0	117.14	2.5455	0.252
39.00	502.8	300.4	117.14	2.5256	0.253
39.50	503.2	300.8	117.13	2.5063	0.253
40.00	503.7	301.3	117.13	2.4875	0.254
40.50	504.0	301.7	117.14	2.4691	0.254
41.00	504.5	302.1	117.14	2.4512	0.255

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.
DATE: 10/26/98 TIME: 21:48:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	41.50	504.8	302.4	117.14	2.4337	0.255
	42.00	505.2	302.8	117.14	2.4167	0.255
	42.50	505.6	303.2	117.12	2.4000	0.256
	43.00	506.0	303.6	117.14	2.3837	0.256
	43.50	506.3	303.9	117.15	2.3678	0.256
	44.00	506.7	304.3	117.14	2.3523	0.257
	44.50	507.0	304.6	117.14	2.3371	0.257
	45.00	507.4	305.0	117.14	2.3222	0.257
	45.50	507.8	305.4	117.15	2.3077	0.258
	46.00	508.1	305.7	117.14	2.2935	0.258
	46.50	508.4	306.0	117.15	2.2796	0.258
	47.00	508.8	306.4	117.14	2.2660	0.259
	47.50	509.1	306.7	117.15	2.2526	0.259
	48.00	509.4	307.0	117.15	2.2396	0.259
	48.50	509.7	307.3	117.15	2.2268	0.260
	49.00	510.0	307.6	117.15	2.2143	0.260
	49.50	510.3	307.9	117.15	2.2020	0.260
	50.00	510.6	308.2	117.15	2.1900	0.261
	50.50	510.9	308.5	117.15	2.1782	0.261
	51.00	511.2	308.8	117.16	2.1667	0.261
	51.50	511.5	309.1	117.15	2.1553	0.262
	52.00	511.8	309.4	117.14	2.1442	0.262
	52.50	512.1	309.7	117.15	2.1333	0.262
	53.00	512.4	310.0	117.14	2.1226	0.263
	53.50	512.7	310.3	117.14	2.1121	0.263
	54.00	512.9	310.5	117.15	2.1019	0.263
	54.50	513.2	310.8	117.16	2.0917	0.263
	55.00	513.4	311.0	117.15	2.0818	0.264
	55.50	513.7	311.3	117.15	2.0721	0.264
	56.00	514.0	311.6	117.14	2.0625	0.264
	56.50	514.2	311.8	117.15	2.0531	0.264
	57.00	514.5	312.1	117.16	2.0439	0.265
	57.50	514.7	312.3	117.15	2.0348	0.265
	58.00	515.0	312.6	117.15	2.0259	0.265
	58.50	515.2	312.8	117.15	2.0171	0.265
	59.00	515.4	313.0	117.14	2.0085	0.266
	59.50	515.7	313.3	117.14	2.0000	0.266
****** End Shut-in 1	60.00	515.6	313.2	117.15	1.9917	0.266
****** Start Flow 2	0.00	205.1	0.0	117.15		
	0.50	205.7	0.7	117.15		
	1.00	206.9	1.8	117.13		
	1.50	207.9	2.8	117.14		
	2.00	208.9	3.8	117.15		
	2.50	210.0	4.9	117.16		
	3.00	211.1	6.0	117.16		
	3.50	211.9	6.8	117.18		
	4.00	212.5	7.5	117.19		
	4.50	213.4	8.3	117.20		
	5.00	214.3	9.3	117.22		
	5.50	214.9	9.8	117.23		
	6.00	215.6	10.5	117.24		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
6.50	216.4	11.3	117.26		
7.00	217.1	12.1	117.27		
7.50	217.8	12.7	117.28		
8.00	218.6	13.5	117.30		
8.50	219.3	14.2	117.32		
9.00	220.0	14.9	117.32		
9.50	220.9	15.8	117.35		
10.00	221.7	16.6	117.36		
10.50	222.5	17.4	117.38		
11.00	223.2	18.1	117.40		
11.50	224.0	18.9	117.41		
12.00	224.7	19.6	117.43		
12.50	225.4	20.3	117.44		
13.00	226.2	21.1	117.47		
13.50	226.8	21.7	117.48		
14.00	227.6	22.5	117.50		
14.50	228.3	23.2	117.52		
15.00	229.0	23.9	117.54		
15.50	229.7	24.6	117.55		
16.00	230.3	25.3	117.57		
16.50	231.0	25.9	117.59		
17.00	231.7	26.6	117.61		
17.50	232.4	27.3	117.61		
18.00	233.0	27.9	117.63		
18.50	233.7	28.6	117.65		
19.00	234.6	29.5	117.67		
19.50	235.3	30.2	117.68		
20.00	235.9	30.9	117.71		
20.50	236.6	31.5	117.72		
21.00	237.3	32.2	117.74		
21.50	237.9	32.8	117.74		
22.00	238.5	33.4	117.76		
22.50	239.1	34.0	117.76		
23.00	239.8	34.7	117.79		
23.50	240.4	35.3	117.79		
24.00	241.0	35.9	117.82		
24.50	241.6	36.5	117.83		
25.00	242.2	37.1	117.85		
25.50	242.8	37.7	117.85		
26.00	243.4	38.3	117.87		
26.50	244.0	38.9	117.88		
27.00	244.6	39.5	117.91		
27.50	245.2	40.1	117.90		
28.00	245.8	40.7	117.91		
28.50	246.3	41.3	117.93		
29.00	246.9	41.8	117.94		
29.50	247.5	42.4	117.95		
30.00	248.1	43.1	117.97		
30.50	248.9	43.8	117.97		
31.00	249.6	44.5	117.98		
31.50	250.1	45.1	118.01		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

EST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

ATE: 10/26/98 TIME: 21:48:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
32.00	250.7	45.6	118.01		
32.50	251.3	46.2	118.02		
33.00	251.9	46.8	118.01		
33.50	252.5	47.4	118.03		
34.00	253.0	47.9	118.04		
34.50	253.6	48.5	118.05		
35.00	254.1	49.1	118.07		
35.50	254.7	49.6	118.07		
36.00	255.3	50.2	118.07		
36.50	255.8	50.7	118.08		
37.00	256.4	51.3	118.09		
37.50	256.9	51.9	118.11		
38.00	257.4	52.4	118.11		
38.50	258.0	52.9	118.13		
39.00	258.5	53.5	118.13		
39.50	259.1	54.0	118.14		
40.00	259.6	54.5	118.14		
40.50	260.2	55.1	118.15		
41.00	260.6	55.6	118.16		
41.50	261.2	56.1	118.17		
42.00	261.8	56.7	118.17		
42.50	262.3	57.2	118.18		
43.00	262.9	57.8	118.19		
43.50	263.5	58.5	118.19		
44.00	264.2	59.1	118.21		
44.50	264.7	59.6	118.21		
45.00	265.2	60.2	118.21		
45.50	265.7	60.7	118.22		
46.00	266.3	61.2	118.23		
46.50	266.8	61.7	118.23		
47.00	267.3	62.2	118.24		
47.50	267.8	62.8	118.25		
48.00	268.3	63.3	118.25		
48.50	268.8	63.8	118.25		
49.00	269.4	64.3	118.26		
49.50	269.9	64.8	118.27		
50.00	270.4	65.3	118.26		
50.50	270.9	65.8	118.27		
51.00	271.4	66.3	118.28		
51.50	271.9	66.8	118.28		
52.00	272.4	67.3	118.29		
52.50	272.9	67.8	118.30		
53.00	273.4	68.3	118.30		
53.50	273.9	68.8	118.31		
54.00	274.4	69.3	118.31		
54.50	274.9	69.8	118.31		
55.00	275.4	70.3	118.33		
55.50	275.8	70.8	118.33		
56.00	276.3	71.2	118.34		
56.50	276.8	71.7	118.34		
57.00	277.3	72.3	118.35		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	57.50	277.9	72.9	118.34		
	58.00	278.5	73.4	118.36		
	58.50	279.0	73.9	118.36		
	59.00	279.5	74.4	118.37		
***** End Flow 2	59.50	279.9	74.8	118.37		
***** Start Shutin 2	0.00	279.9	0.0	118.37	0.0000	0.078
	0.50	292.4	12.4	118.38	239.0000	0.085
	1.00	372.0	92.1	118.38	120.0000	0.138
	1.50	400.3	120.4	118.38	80.3333	0.160
	2.00	414.2	134.3	118.39	60.5000	0.172
	2.50	423.1	143.2	118.40	48.6000	0.179
	3.00	429.4	149.5	118.40	40.6667	0.184
	3.50	434.4	154.5	118.41	35.0000	0.189
	4.00	438.4	158.5	118.42	30.7500	0.192
	4.50	441.9	162.0	118.43	27.4444	0.195
	5.00	444.9	165.0	118.43	24.8000	0.198
	5.50	447.5	167.6	118.44	22.6364	0.200
	6.00	450.0	170.1	118.45	20.8333	0.202
	6.50	452.2	172.2	118.46	19.3077	0.204
	7.00	454.2	174.3	118.45	18.0000	0.206
	7.50	456.1	176.1	118.46	16.8667	0.208
	8.00	457.8	177.9	118.45	15.8750	0.210
	8.50	459.5	179.6	118.45	15.0000	0.211
	9.00	461.1	181.1	118.47	14.2222	0.213
	9.50	462.5	182.6	118.46	13.5263	0.214
	10.00	463.9	184.0	118.47	12.9000	0.215
	10.50	465.3	185.4	118.47	12.3333	0.216
	11.00	466.6	186.7	118.48	11.8182	0.218
	11.50	467.8	187.9	118.47	11.3478	0.219
	12.00	469.0	189.1	118.48	10.9167	0.220
	12.50	470.1	190.2	118.48	10.5200	0.221
	13.00	471.3	191.4	118.47	10.1538	0.222
	13.50	472.3	192.4	118.48	9.8148	0.223
	14.00	473.3	193.4	118.47	9.5000	0.224
	14.50	474.3	194.4	118.48	9.2069	0.225
	15.00	475.3	195.4	118.47	8.9333	0.226
	15.50	476.2	196.3	118.47	8.6774	0.227
	16.00	477.2	197.2	118.47	8.4375	0.228
	16.50	478.1	198.1	118.47	8.2121	0.229
	17.00	478.9	199.0	118.48	8.0000	0.229
	17.50	479.8	199.8	118.46	7.8000	0.230
	18.00	480.6	200.7	118.46	7.6111	0.231
	18.50	481.4	201.4	118.47	7.4324	0.232
	19.00	482.2	202.2	118.47	7.2632	0.232
	19.50	482.9	203.0	118.46	7.1026	0.233
	20.00	483.6	203.7	118.46	6.9500	0.234
	20.50	484.4	204.4	118.46	6.8049	0.235
	21.00	485.1	205.2	118.46	6.6667	0.235
	21.50	485.8	205.8	118.46	6.5349	0.236
	22.00	486.4	206.5	118.46	6.4091	0.237
	22.50	487.1	207.1	118.46	6.2889	0.237

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
23.00	487.7	207.8	118.46	6.1739	0.238
23.50	488.4	208.5	118.46	6.0638	0.239
24.00	489.0	209.0	118.45	5.9583	0.239
24.50	489.6	209.6	118.46	5.8571	0.240
25.00	490.2	210.2	118.45	5.7600	0.240
25.50	490.8	210.8	118.45	5.6667	0.241
26.00	491.3	211.4	118.45	5.5769	0.241
26.50	491.9	211.9	118.45	5.4906	0.242
27.00	492.4	212.5	118.45	5.4074	0.242
27.50	492.9	213.0	118.45	5.3273	0.243
28.00	493.5	213.5	118.44	5.2500	0.243
28.50	494.0	214.0	118.44	5.1754	0.244
29.00	494.5	214.5	118.45	5.1034	0.244
29.50	494.9	215.0	118.44	5.0339	0.245
30.00	495.5	215.5	118.44	4.9667	0.245
30.50	495.9	216.0	118.43	4.9016	0.246
31.00	496.4	216.5	118.43	4.8387	0.246
31.50	496.9	216.9	118.45	4.7778	0.247
32.00	497.3	217.3	118.45	4.7188	0.247
32.50	497.7	217.8	118.43	4.6615	0.248
33.00	498.1	218.2	118.43	4.6061	0.248
33.50	498.6	218.6	118.42	4.5522	0.249
34.00	499.0	219.1	118.42	4.5000	0.249
34.50	499.4	219.5	118.42	4.4493	0.249
35.00	499.8	219.9	118.41	4.4000	0.250
35.50	500.2	220.3	118.42	4.3521	0.250
36.00	500.6	220.7	118.43	4.3056	0.251
36.50	501.0	221.0	118.42	4.2603	0.251
37.00	501.4	221.4	118.42	4.2162	0.251
37.50	501.7	221.8	118.41	4.1733	0.252
38.00	502.1	222.2	118.41	4.1316	0.252
38.50	502.4	222.5	118.41	4.0909	0.252
39.00	502.8	222.9	118.41	4.0513	0.253
39.50	503.1	223.2	118.41	4.0127	0.253
40.00	503.5	223.6	118.40	3.9750	0.254
40.50	503.8	223.9	118.40	3.9383	0.254
41.00	504.2	224.2	118.40	3.9024	0.254
41.50	504.5	224.6	118.40	3.8675	0.255
42.00	504.8	224.9	118.40	3.8333	0.255
42.50	505.2	225.2	118.39	3.8000	0.255
43.00	505.5	225.5	118.40	3.7674	0.255
43.50	505.7	225.8	118.39	3.7356	0.256
44.00	506.0	226.1	118.39	3.7045	0.256
44.50	506.3	226.4	118.38	3.6742	0.256
45.00	506.6	226.7	118.39	3.6444	0.257
45.50	506.9	227.0	118.38	3.6154	0.257
46.00	507.2	227.3	118.39	3.5870	0.257
46.50	507.5	227.6	118.38	3.5591	0.258
47.00	507.8	227.9	118.39	3.5319	0.258
47.50	508.1	228.1	118.38	3.5053	0.258
48.00	508.3	228.4	118.38	3.4792	0.258

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10984 D.S.T.#1 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/26/98 TIME: 21:48:16

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	48.50	508.6	228.7	118.39	3.4536	0.259
	49.00	508.8	228.9	118.38	3.4286	0.259
	49.50	509.1	229.2	118.37	3.4040	0.259
	50.00	509.4	229.5	118.37	3.3800	0.259
	50.50	509.6	229.7	118.36	3.3564	0.260
	51.00	509.9	230.0	118.37	3.3333	0.260
	51.50	510.1	230.2	118.36	3.3107	0.260
	52.00	510.4	230.5	118.36	3.2885	0.260
	52.50	510.6	230.7	118.36	3.2667	0.261
	53.00	510.8	230.9	118.37	3.2453	0.261
	53.50	511.1	231.2	118.35	3.2243	0.261
	54.00	511.3	231.4	118.35	3.2037	0.261
	54.50	511.5	231.6	118.35	3.1835	0.262
	55.00	511.8	231.8	118.36	3.1636	0.262
	55.50	512.0	232.0	118.36	3.1441	0.262
	56.00	512.2	232.3	118.35	3.1250	0.262
	56.50	512.4	232.5	118.36	3.1062	0.263
	57.00	512.6	232.7	118.36	3.0877	0.263
	57.50	512.8	232.9	118.35	3.0696	0.263
	58.00	513.0	233.1	118.35	3.0517	0.263
	58.50	513.2	233.3	118.35	3.0342	0.263
	59.00	513.4	233.5	118.34	3.0169	0.264
	59.50	513.6	233.7	118.34	3.0000	0.264
	60.00	513.9	233.9	118.34	2.9833	0.264
	60.50	514.0	234.1	118.35	2.9669	0.264
	61.00	514.2	234.3	118.33	2.9508	0.264
	61.50	514.4	234.5	118.33	2.9350	0.265
****** End Shut-in 2	62.00	514.6	234.7	118.34	2.9194	0.265
***** Final Hydro.	364.50	2388.8	0.0	118.48		

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 10985

Well Name & No. Foster "D" #3 Test No. 2 Date 10-27-98

Company Lebsack Oil Prod. Zone Tested Morrow

Address Hays Ks. 67601 Elevation 3109 KB 3104 GL

Co. Rep / Geo. Wayne Lebsack Cont. Abercrombie Rig 4 Est. Ft. of Pay 6 Por. 17 %

Location: Sec. 14 Twp. 21S Rge. 37W 35W Co. Kearny State Ks.

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) Y Evaluation (Y, N) ____

Interval Tested 4898-4920

Anchor Length 22' Tail=27' Tail=90'

Top Packer Depth 4893

Bottom Packer Depth 4898 Straddle P=4920'

Total Depth 5010

Mud Wt. 9.4 LCM 1/2# Vis. 50 WL 7.2

Initial Str Wt./Lbs. 78000 Unseated Str Wt./Lbs. 79,000

Wt. Set Lbs. 50,000 Wt. Pulled Loose/Lbs. 4000

Tool Weight 2,800

Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Wt. Pipe Run — Drill Collar Run 3 179

Drill Pipe Size 4½ XH 76 Ft. Run 4724 .32' up

Blow Description

Miss-Run "Packer Failure"

Recovery — Total Feet 260 GIP 0 Ft. in DC 179 Ft. in DP 81

Rec. 260	Feet Of Mud	%gas	%oil	%water 100	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud

BHT 116 °F Gravity — °API D@ — °F Corrected Gravity — °API

RW — @ — °F Chlorides ____ ppm Recovery Chlorides 3,200 ppm System

(A) Initial Hydrostatic Mud	—	2403 PSI	Recorder No. 3017 "09-08"	T-Started	9:20 A.M.
(B) First Initial Flow Pressure	—	— PSI	(depth) 4900	T-Open	11:00 A.M.
(C) First Final Flow Pressure	—	— PSI	Recorder No. 10242	T-Pulled	11:10 A.M.
(D) Initial Shut-in Pressure	—	— PSI	(depth) 4914	T-Out	2:00 P.M.
(E) Second Initial Flow Pressure	—	— PSI	Recorder No. 13630		
(F) Second Final Flow Pressure	—	— PSI	(depth) 5007		
(G) Final Shut-in Pressure	—	— PSI	Initial Opening —	Test	Miss-Run ✓
(H) Final Hydrostatic Mud	—	2392 PSI	Initial Shut-in —	Jars	✓
	AK-1	Alpine	Final Flow —	Safety Joint	✓
			Final Shut-in —	Straddle	✓
				Circ. Sub	
				Sampler	
				Extra Packer	✓
				Elect. Rec.	✓
				Other	

A2780908.017

TRILOBIITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Wayne Lebsack

Our Representative

TRILOBITE TESTING L.L.C.

OPERATOR : Lebsack Oil Prod. DATE 10-27-98
WELL NAME: Foster "D" #3 KB 3109.00 ft TICKET NO: 10985 DST #2
LOCATION : 14-21S-~~3W~~ 3S W GR 3104.00 ft FORMATION: Morrow
INTERVAL : 4898.00 To 4920.00 ft TD 5010.00 ft TEST TYPE: CONV-STRADDLE

RECORDER DATA

Mins			Field	1	2	3	4
PF	0	Rec.	10242	10242	Alpine	13630	
SI	0	Range(Psi)	4100.0	4100.0	5000.0	4625.0	0.0
SF	0	Clock(hrs)	12 HR	12 HR	12 HR	12 HR	
FS	0	Depth(ft)	4914.0	4914.0	4900.0	5007.0	0.0

TIME DATA----------

PF Fr.	to	hr
IS Fr.	to	hr
SF Fr.	to	hr
FS Fr.	to	hr

	Field	1	2	3	4
A. Init Hydro	0.0	0.0	2403.0	0.0	0.0
B. First Flow	0.0	0.0	0.0	0.0	0.0
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0
C. In Shut-in	0.0	0.0	0.0	0.0	0.0
D. Init Flow	0.0	0.0	0.0	0.0	0.0
E. Final Flow	0.0	0.0	0.0	0.0	0.0
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0
G. Final Hydro	0.0	0.0	2392.0	0.0	0.0
Inside/Outside	0	0	I	S	

T STARTED	0920 hr
T ON BOTM	1057 hr
T OPEN	1100 hr
T PULLED	1110 hr
T OUT	1400 hr

RECOVERY
Tot Fluid 260.00 ft of 179.00 ft in DC and 81.00 ft in DP
260.00 ft of Mud 100%M
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

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

Tool Wt.	2800.00 lbs
Wt Set On Packer	50000.00 lbs
Wt Pulled Loose	4000.00 lbs
Initial Str Wt	78000.00 lbs
Unseated Str Wt	79000.00 lbs
Bot Choke	0.75 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	179.00 ft
D.P. Length	4724.00 ft

BLOW DESCRIPTION

Miss-run: Packer Failure.

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

Mud Type	Chem.
Weight	9.40 lb/cf
Vis.	50.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	60.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	Good
% Porosity	17.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Lanny Saloga
Co. Rep.	Wayne Lebsack
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

SAMPLES: None
SENT TO:

Test Successful: N

*** TOOL DIAGRAM *** CONV-STRADDLE

ELL NAME: Foster "D" #3

OCATION : 14-21S-3W 35 W

ICKET No. 10985 D.S.T. No. 2 DATE 10-27-98

OTAL TOOL TO BOTTOM OF TOP PACKERS 27

NTERVAL TOOL 28

OTTOM PACKERS AND ANCHOR 22

OTAL TOOL 77

RILL COLLAR ANCHOR IN INTERVAL .....

.C. ANCHOR STND.Stands Single Total

.P. ANCHOR STND.Stands 1 Single Total 62

OTAL ASSEMBLY 139

.C. ABOVE TOOLS.Stands 3 Single Total 179

.P. ABOVE TOOLS.Stands 76 Single Total 4724

OTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5042

OTAL DEPTH 5010

OTAL DRILL PIPE ABOVE K.B. 32

EMARKS:

Miss-run: Packer Failure.

P.O. SUB Cir. sub	4811
C.O. SUB Top of tool	4871
Double pin	4872
S.I. TOOL H&T	4877
HMV Sterling	4882
JARS Sterling	4887
SAFETY JOINT Bowen	4889
PACKER Sparton	4894
PACKER Sparton	4898
DEPTH	
STUBB Rec. sub	4900
ANCHOR Alpine	4900
Pu. sub	4905
7 ft. perfs	4912
AK-1	4914
Pu. sub	4917
Blank	4917
3 ft. of packer	4920
T.C.	
DEPTH	
PACKER Sparton "Center"	4920
2 ft. of packer	4922
22 ft. perfs	4944
Co. sub	4945
1 std. DP	5007
AK-1	5007
Co. sub	5008
BULLNOSE 2 ft. perf	
T.D.	5010

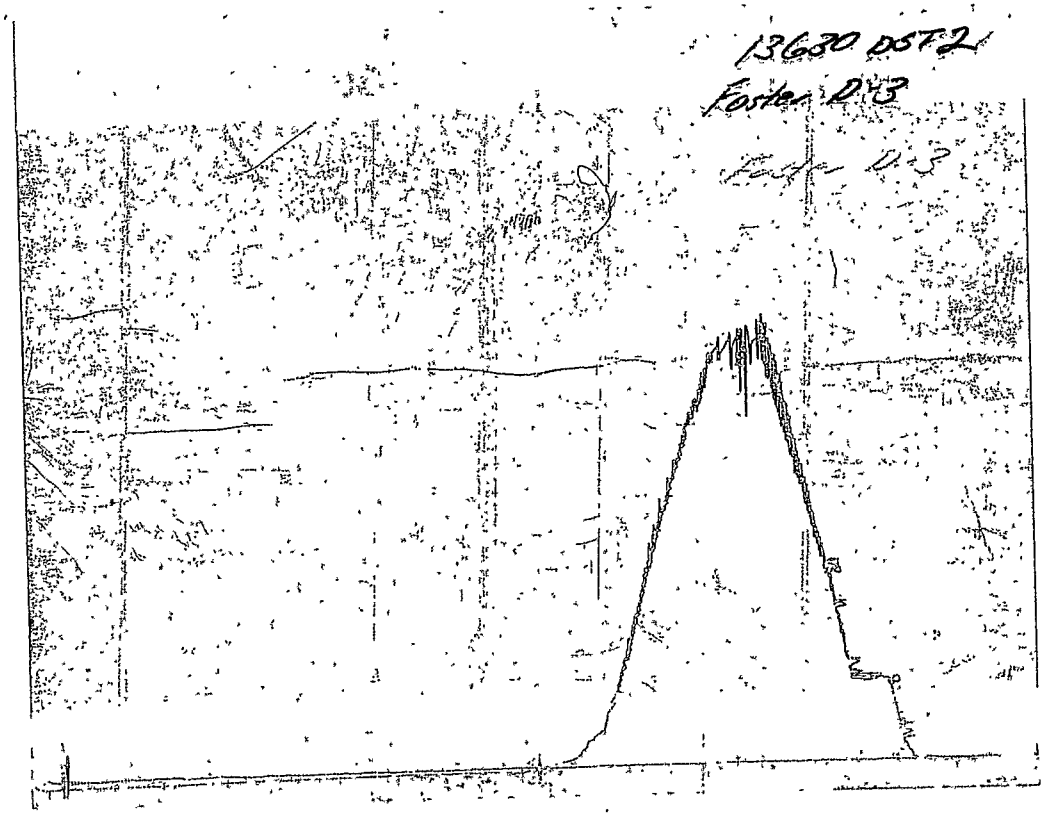
ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

'EST: 10985 D.S.T.#2 Foster "D" #3 Lebsack Oil Prod.

)ATE: 10/27/98 TIME: 09:08:14

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
:**** Initial Hydro.	106.50	2403.7	0.0	114.51		
:**** Start Flow 1	0.00	2392.8	0.0	117.86		
:**** End Flow 1	0.50	2386.4	-6.4	117.90		
:**** End Shut-in 1	123.00	2386.4	0.0	117.90	0.0041	5.695
:**** Final Hydro.	122.00	2386.4	0.0	117.90		

CHART PAGE



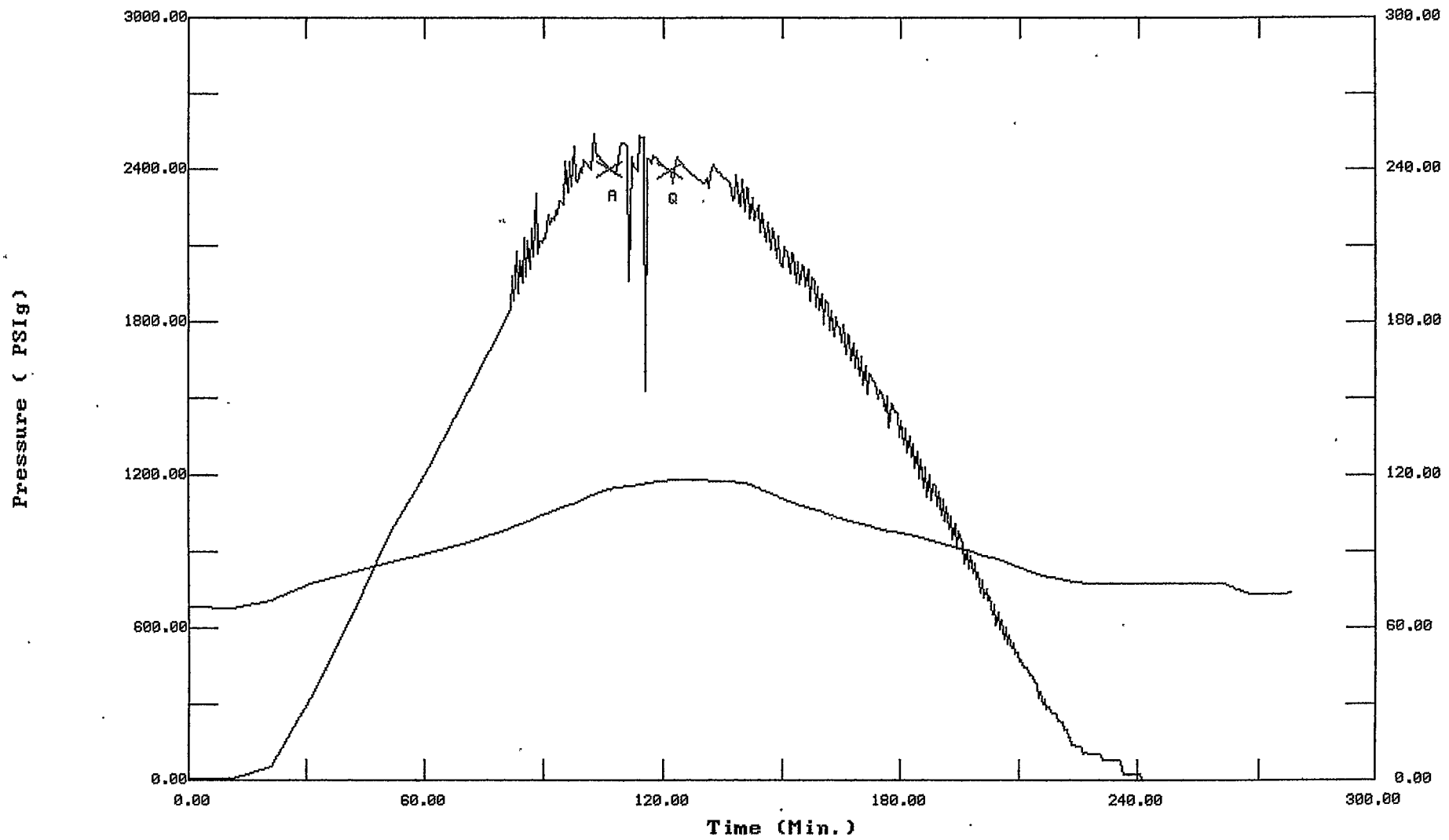
This is a photocopy of the actual AK-1 recorder chart

TEST HISTORY

10985 D.S.T.#2 Foster "D" #3 Lebsack Oil Prod.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2403.73
Q:	0.00	2392.78



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

№ 10986

Well Name & No. Foster "D" #3 Test No. 3 Date 10-27-98

Company Lebsack Oil Prod. Zone Tested Marmaton

Address Hays KS. 67601 Elevation 3109 KB 3104 GL

Co. Rep / Geo. Wayne Lebsack Cont. Abercrombie #4 Est. Ft. of Pay 6 Por. 17 %

Location: Sec. 14 Twp. 21S Rge. 35W Co. Kearny State KS.

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) Y Evaluation (Y, N) ____

Interval Tested 4847-4920 Initial Str Wt./Lbs 79,000 Unseated Str Wt./Lbs. 79,000

Anchor Length 73' Tool=27' Tail=90' Wt. Set Lbs. 42,000 Wt. Pulled Loose/Lbs. 5,000

Top Packer Depth 4842 Tool Weight 3,800

Bottom Packer Depth 4847 5' packer=4920 Hole Size — 7 7/8" ____ Rubber Size — 6 3/4" ____

Total Depth 5010 Wt. Pipe Run — Drill Collar Run 179

Mud Wt. 9.4 LCM 1/2# Vis. 50 WL 7.2 Drill Pipe Size 4½ XH Ft. Run 46.62 21' up

Blow Description 1/2" built to 2" in 5 min. De-creased to 3/4" in 60 min. I.F.P.
No blow-back. I.S.I.P.
No blow. F.F.P.
No blow-back. F.S.I.P.

Recovery — Total Feet [redacted]120 GIP 0 Ft. in DC 120 Ft. in DP 0

Rec. 120	Feet Of Mud	%gas	%oil	%water 100	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud	
Rec. ____	Feet Of ____	%gas	%oil	%water	%mud.	

BHT 113 °F Gravity — °API D@ — °F Corrected Gravity — °API

RW 1.09 @ 63 °F Chlorides 3,300 ppm Recovery Chlorides 3,200 ppm System

(A) Initial Hydrostatic Mud	2465	2392	PSI	Recorder No. 3017 "14:36"	T-Started	2:40 P.M.
(B) First Initial Flow Pressure	49	37	PSI	(depth) 4849	T-Open	4:15 P.M.
(C) First Final Flow Pressure	109	91	PSI	Recorder No. 10242	T-Pulled	6:30 P.M.
(D) Initial Shut-in Pressure	364	362	PSI	(depth) 4914	T-Out	9:30 P.M.
(E) Second Initial Flow Pressure	109	90	PSI	Recorder No. 13630		
(F) Second Final Flow Pressure	109	95	PSI	(depth) 5007		
(G) Final Shut-in Pressure	476	464	PSI	Initial Opening 60	Test	✓
(H) Final Hydrostatic Mud	2375	2318	PSI	Initial Shut-in 30	Jars	✓
	AK-1	Alpine		Final Flow 15	Safety Joint	✓
				Final Shut-in 30	Straddle	✓
				____	Circ. Sub	✓
				____	Sampler	✓
					Extra Packer	✓
					Elect. Rec.	✓
					Other 5 HALF Packer	✓
					TOTAL PRICE $	

#278 1436.017

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Approved By Wayne Lebsack

Our Representative Thomas A. Sabol

TRILOBITE TESTING L.L.C.

OPERATOR : Lebsack Oil Prod. DATE 10-27-98
WELL NAME: Foster "D" #3 KB 3109.00 ft TICKET NO: 10986 DST #3
LOCATION : 14-21S-~~34~~35W GR 3104.00 ft FORMATION: Morrow
INTERVAL : 4847.00 To 4920.00 ft TD 5010.00 ft TEST TYPE: CONV-STRADDLE

RECORDER DATA

Mins		Field	1	2	3	4
PF 60	Rec.	10242	10242	Alpine	13630	
SI 30	Range(Psi)	4100.0	4100.0	5000.0	4625.0	0.0
SF 15	Clock(hrs)	12 HR	12 HR	12 HR	12 HR	
FS 30	Depth(ft)	4914.0	4914.0	4849.0	5007.0	0.0

TIME DATA----------
PF Fr. 1615 to 1715 hr
IS Fr. 1715 to 1745 hr
SF Fr. 1745 to 1800 hr
FS Fr. 1800 to 1830 hr

	Field	1	2	3	4
A. Init Hydro	2465.0	0.0	2392.0	0.0	0.0
B. First Flow	49.0	0.0	37.0	0.0	0.0
Bl. Final Flow	109.0	0.0	91.0	0.0	0.0
C. In Shut-in	364.0	0.0	362.0	0.0	0.0
D. Init Flow	109.0	0.0	90.0	0.0	0.0
E. Final Flow	109.0	0.0	95.0	0.0	0.0
F. Fl Shut-in	476.0	0.0	464.0	0.0	0.0
G. Final Hydro	2375.0	0.0	2318.0	0.0	0.0
Inside/Outside	0	0	I	S	

T STARTED 1440 hr
T ON BOTM 1612 hr
T OPEN 1615 hr
T PULLED 1830 hr
T OUT 2130 hr

RECOVERY
Tot Fluid 120.00 ft of 120.00 ft in DC and 0.00 ft in DP
120.00 ft of Mud 100%M
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 3300.00 P.P.M. A.P.I. Gravity 0.00

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

Tool Wt.	3800.00 lbs
Wt Set On Packer	42000.00 lbs
Wt Pulled Loose	5000.00 lbs
Initial Str Wt	79000.00 lbs
Unseated Str Wt	79000.00 lbs
Bot Choke	0.75 in
Hole Size	7.78 in
D Col. ID	2.25 in
D. Pipe ID	3.80 in
D.C. Length	179.00 ft
D.P. Length	4662.00 ft

BLOW DESCRIPTION

1/2" built to 2"in 5 min. De-creased to 3/4" in 60 min. I.F.P.

No blow-back. I.S.I.P.

No blow. F.F.P.

No blow-back. F.S.I.P.

Allen & Wayne RM #151

SAMPLES: None
SENT TO:

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

Mud Type	Chem.
Weight	9.40 lb/cf
Vis.	50.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	5.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	113.00 F
Hole Condition	Good
% Porosity	17.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out	N
Tool Chased	N
Tester	Lanny Saloga
Co. Rep.	Wayne Lebsack
Contr.	Abercrombie
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV-STRADDLE

WELL NAME: Foster "D" #3

LOCATION : 14-21S-~~3W~~ 35W

TICKET No. 10986 D.S.T. No. 3 DATE 10-27-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL 28

BOTTOM PACKERS AND ANCHOR 11

TOTAL TOOL 66

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 2 Single Total 124

TOTAL ASSEMBLY 190

D.C. ABOVE TOOLS.Stands 3 Single Total 179

D.P. ABOVE TOOLS.Stands 75 Single Total 4662

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5031

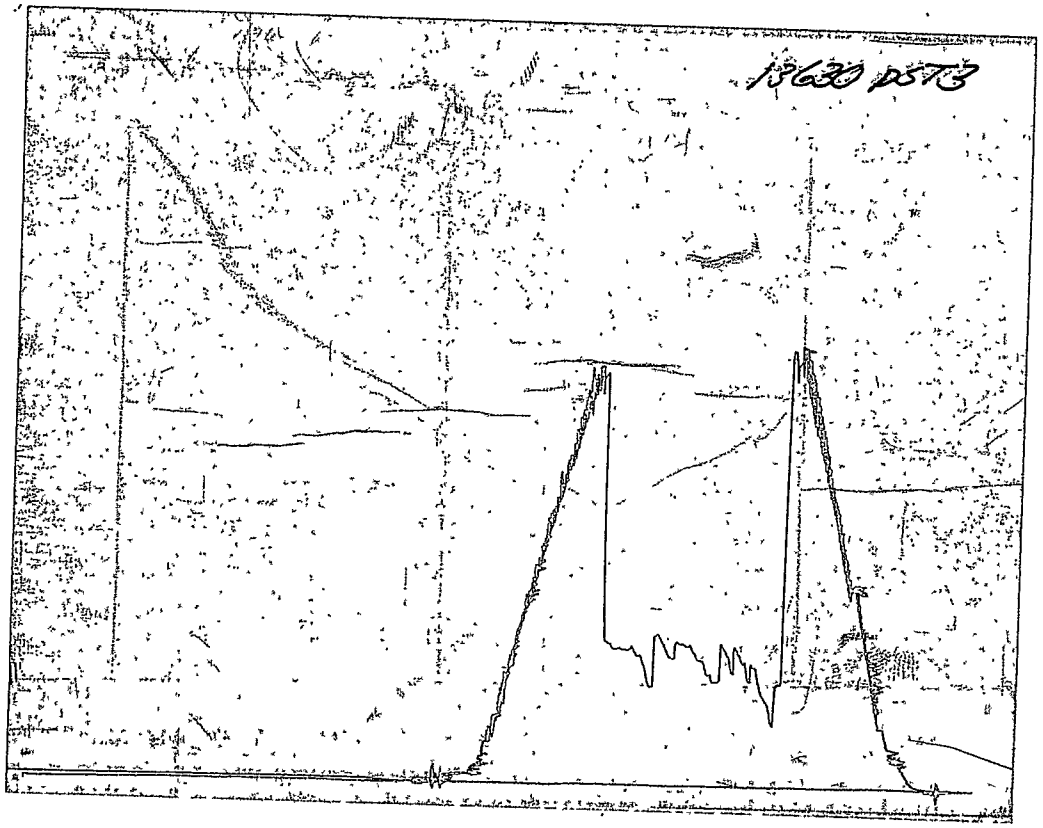
TOTAL DEPTH 5010

TOTAL DRILL PIPE ABOVE K.B. 21

REMARKS:

P.O. SUB Cir. sub	4760
C.O. SUB Top of tool	4820
Double pin	4821
S.I. TOOL H&T	4826
HMV Sterling	4831
JARS Sterling	4836
SAFETY JOINT Bowen	4838
PACKER Sparton	4843
PACKER Shale	4847
DEPTH	
STUBB 1 ft. perf	4849
ANCHOR Alpine	4849
Co. sub	4850
1 std. DP	4912
Co. sub	4913
AK-1	4914
4 ft. perf	4917
Blank	4917
3 ft. of packer	4920
T.C.	
DEPTH	
PACKER Sparton "Center"	4920
2 ft. of packer	4922
22 ft. perfs	4944
Co. sub	4945
1 std. DP	5007
AK-1	5007
Co. sub	5008
BULLNOSE 2 ft. perf	
T.D.	5010

CHART PAGE



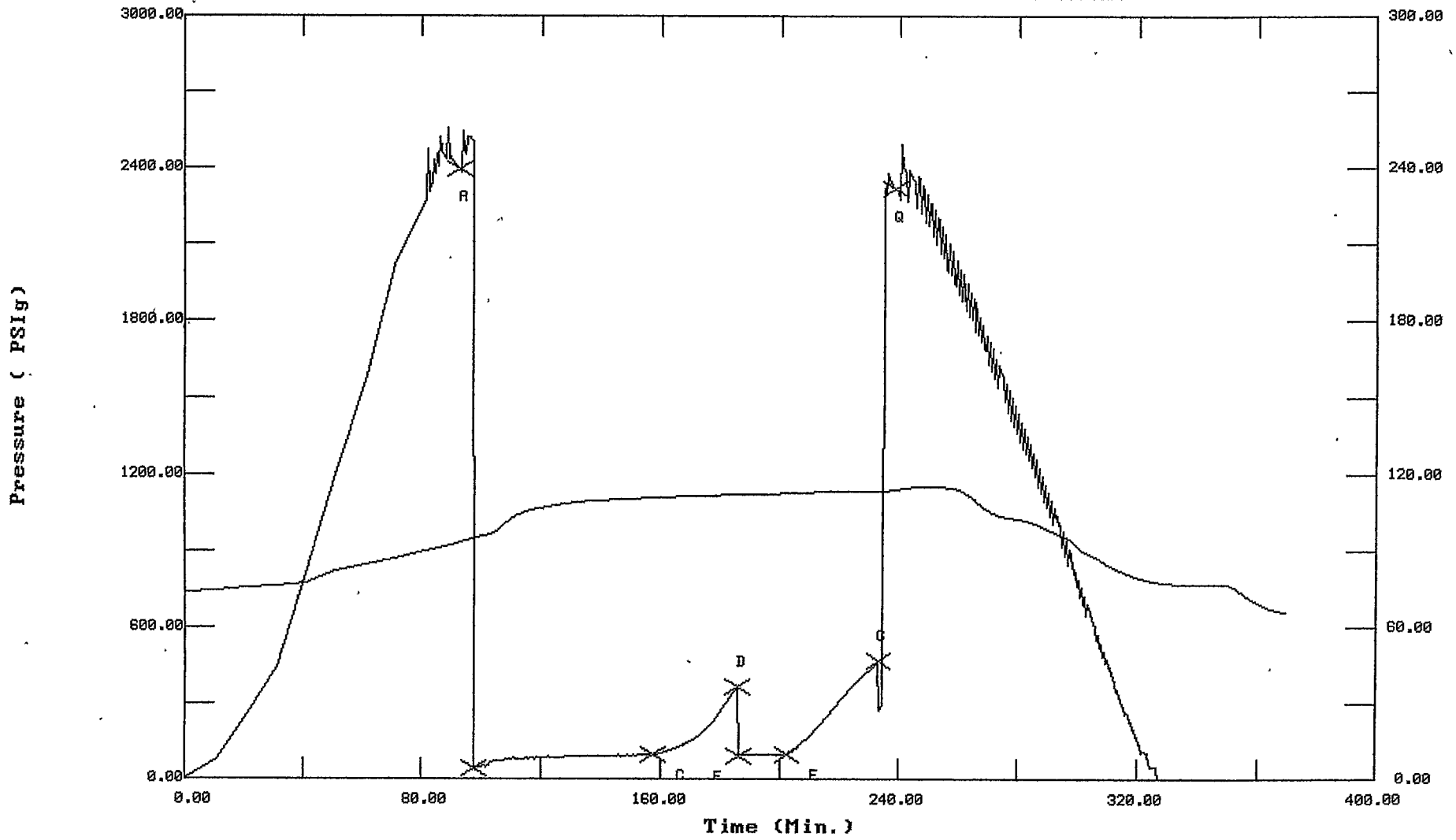
This is a photocopy of the actual AK-1 recorder chart

TEST HISTORY

10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

Flag Points

	t(Min.)	P(PSIg)
A:	0.00	2392.66
B:	0.00	37.03
C:	60.00	91.41
D:	28.50	362.82
E:	0.00	90.21
F:	16.00	95.33
G:	30.50	464.60
Q:	0.00	2318.08



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

DATE: 10/27/98 TIME: 14:36:13

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
**** Initial Hydro.	92.50	2392.7	0.0	93.24		
**** Start Flow 1	0.00	37.0	0.0	95.19		
	0.50	41.3	4.3	95.36		
	1.00	44.3	7.3	95.48		
	1.50	45.6	8.6	95.57		
	2.00	46.4	9.4	95.66		
	2.50	45.2	8.2	95.76		
	3.00	50.8	13.7	95.86		
	3.50	50.6	13.5	95.98		
	4.00	48.4	11.4	96.11		
	4.50	51.4	14.3	96.23		
	5.00	52.2	15.2	96.39		
	5.50	56.1	19.1	96.54		
	6.00	63.0	26.0	96.70		
	6.50	65.6	28.5	96.90		
	7.00	67.4	30.3	97.15		
	7.50	68.5	31.5	97.49		
	8.00	69.9	32.9	97.92		
	8.50	71.0	33.9	98.41		
	9.00	69.6	32.5	98.93		
	9.50	71.4	34.3	99.45		
	10.00	71.9	34.9	100.01		
	10.50	71.9	34.9	100.55		
	11.00	73.2	36.1	101.07		
	11.50	73.1	36.1	101.59		
	12.00	74.8	37.7	102.04		
	12.50	76.5	39.4	102.48		
	13.00	76.2	39.1	102.90		
	13.50	79.6	42.6	103.30		
	14.00	78.6	41.6	103.67		
	14.50	77.9	40.8	104.00		
	15.00	74.8	37.7	104.31		
	15.50	76.2	39.2	104.58		
	16.00	76.9	39.9	104.86		
	16.50	78.2	41.1	105.09		
	17.00	78.3	41.2	105.32		
	17.50	79.0	41.9	105.51		
	18.00	79.1	42.1	105.70		
	18.50	78.2	41.2	105.89		
	19.00	78.9	41.9	105.99		
	19.50	79.9	42.9	106.15		
	20.00	79.5	42.5	106.29		
	20.50	78.4	41.4	106.42		
	21.00	79.3	42.3	106.54		
	21.50	78.9	41.9	106.65		
	22.00	80.4	43.4	106.76		
	22.50	80.4	43.4	106.87		
	23.00	80.8	43.7	106.98		
	23.50	80.3	43.2	107.09		
	24.00	80.8	43.7	107.21		
	24.50	81.1	44.1	107.30		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

ST: 10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

TE: 10/27/98 TIME: 14:36:13

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
25.00	87.2	50.1	107.42		
25.50	84.1	47.0	107.51		
26.00	82.3	45.2	107.62		
26.50	82.5	45.4	107.74		
27.00	84.1	47.0	107.86		
27.50	84.1	47.1	107.97		
28.00	84.2	47.2	108.07		
28.50	84.1	47.0	108.18		
29.00	83.7	46.7	108.27		
29.50	84.1	47.1	108.37		
30.00	84.4	47.3	108.47		
30.50	85.3	48.3	108.55		
31.00	85.4	48.4	108.64		
31.50	85.6	48.6	108.72		
32.00	85.8	48.7	108.80		
32.50	85.9	48.9	108.88		
33.00	86.0	48.9	108.95		
33.50	84.8	47.8	109.01		
34.00	85.6	48.6	109.09		
34.50	85.8	48.8	109.14		
35.00	85.9	48.9	109.20		
35.50	86.0	48.9	109.25		
36.00	86.2	49.1	109.31		
36.50	86.3	49.3	109.37		
37.00	86.5	49.5	109.42		
37.50	88.3	51.2	109.47		
38.00	86.7	49.7	109.51		
38.50	88.8	51.7	109.56		
39.00	88.0	51.0	109.59		
39.50	87.4	50.3	109.63		
40.00	87.7	50.6	109.66		
40.50	88.9	51.9	109.71		
41.00	88.6	51.6	109.74		
41.50	88.8	51.8	109.76		
42.00	88.9	51.9	109.80		
42.50	89.1	52.0	109.82		
43.00	89.1	52.1	109.86		
43.50	89.3	52.2	109.89		
44.00	90.0	53.0	109.92		
44.50	89.2	52.2	109.95		
45.00	89.3	52.3	109.99		
45.50	89.4	52.4	110.03		
46.00	88.9	51.8	110.05		
46.50	89.0	52.0	110.09		
47.00	89.2	52.2	110.13		
47.50	86.7	49.7	110.16		
48.00	87.0	50.0	110.17		
48.50	91.1	54.1	110.19		
49.00	90.1	53.1	110.22		
49.50	90.1	53.0	110.25		
50.00	90.3	53.3	110.28		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

T: 10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

E: 10/27/98 TIME: 14:36:13

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	50.50	90.6	53.6	110.31		
	51.00	90.6	53.6	110.35		
	51.50	90.8	53.7	110.36		
	52.00	90.2	53.2	110.40		
	52.50	90.6	53.5	110.42		
	53.00	90.7	53.7	110.45		
	53.50	92.5	55.5	110.48		
	54.00	90.5	53.5	110.51		
	54.50	90.7	53.7	110.53		
	55.00	90.9	53.8	110.56		
	55.50	91.1	54.1	110.58		
	56.00	91.2	54.2	110.62		
	56.50	91.5	54.4	110.65		
	57.00	91.4	54.4	110.68		
	57.50	91.4	54.4	110.71		
	58.00	91.5	54.5	110.74		
	58.50	91.5	54.5	110.77		
	59.00	91.5	54.5	110.79		
	59.50	88.9	51.8	110.82		
* End Flow 1	60.00	91.4	54.4	110.86		
* Start Shutin 1	0.00	91.4	0.0	110.86	0.0000	0.008
	0.50	93.1	1.7	110.88	121.0000	0.009
	1.00	94.7	3.3	110.90	61.0000	0.009
	1.50	96.4	4.9	110.93	41.0000	0.009
	2.00	98.3	6.8	110.96	31.0000	0.01
	2.50	100	8.6	110.98	25.0000	0.01
	3.00	101.7	10.3	111.00	21.0000	0.010
	3.50	103.5	12.1	111.02	18.1429	0.011
	4.00	105.6	14.2	111.06	16.0000	0.011
	4.50	107.5	16.1	111.07	14.3333	0.012
	5.00	109.4	18.0	111.11	13.0000	0.012
	5.50	111.4	20.0	111.13	11.9091	0.012
	6.00	113.5	22.1	111.15	11.0000	0.013
	6.50	115.6	24.2	111.17	10.2308	0.013
	7.00	117.8	26.4	111.19	9.5714	0.014
	7.50	120.0	28.6	111.22	9.0000	0.014
	8.00	122.5	31.0	111.24	8.5000	0.015
	8.50	124.9	33.4	111.26	8.0588	0.016
	9.00	127.3	35.9	111.29	7.6667	0.016
	9.50	129.8	38.4	111.31	7.3158	0.017
	10.00	132.4	41.0	111.33	7.0000	0.018
	10.50	135.1	43.7	111.35	6.7143	0.018
	11.00	137.9	46.5	111.37	6.4545	0.019
	11.50	140.7	49.3	111.40	6.2174	0.020
	12.00	144.1	52.7	111.42	6.0000	0.021
	12.50	146.0	54.6	111.43	5.8000	0.021
	13.00	149.3	57.9	111.46	5.6154	0.022
	13.50	152.6	61.2	111.47	5.4444	0.023
	14.00	156.1	64.7	111.49	5.2857	0.024
	14.50	160.0	68.6	111.52	5.1379	0.026
	15.00	163.9	72.5	111.53	5.0000	0.027

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

ST: 10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

TE: 10/27/98 TIME: 14:36:13

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	15.50	168.1	76.7	111.55	4.8710	0.028
	16.00	172.8	81.4	111.57	4.7500	0.030
	16.50	177.4	86.0	111.59	4.6364	0.031
	17.00	182.3	90.9	111.61	4.5294	0.033
	17.50	188.3	96.9	111.63	4.4286	0.035
	18.00	193.8	102.4	111.64	4.3333	0.038
	18.50	200.2	108.8	111.66	4.2432	0.040
	19.00	206.6	115.2	111.68	4.1579	0.043
	19.50	213.3	121.9	111.70	4.0769	0.045
	20.00	220.4	129.0	111.72	4.0000	0.049
	20.50	228.1	136.7	111.74	3.9268	0.052
	21.00	235.9	144.5	111.75	3.8571	0.056
	21.50	244.0	152.6	111.77	3.7907	0.060
	22.00	254.7	163.3	111.79	3.7273	0.065
	22.50	262.1	170.7	111.81	3.6667	0.069
	23.00	272.6	181.2	111.83	3.6087	0.074
	23.50	281.8	190.4	111.85	3.5532	0.079
	24.00	289.6	198.1	111.86	3.5000	0.084
	24.50	298.5	207.1	111.87	3.4490	0.089
	25.00	306.7	215.3	111.90	3.4000	0.094
	25.50	314.9	223.5	111.91	3.3529	0.099
	26.00	323.5	232.1	111.93	3.3077	0.105
	26.50	332.2	240.8	111.96	3.2642	0.110
	27.00	340.2	248.8	111.97	3.2222	0.116
	27.50	348.0	256.5	111.99	3.1818	0.121
	28.00	355.5	264.1	112.00	3.1429	0.126
*** End Shut-in 1	28.50	362.8	271.4	112.03	3.1053	0.132
*** Start Flow 2	0.00	90.2	0.0	112.05		
	0.50	91.3	1.1	112.05		
	1.00	91.6	1.4	112.08		
	1.50	91.8	1.6	112.08		
	2.00	91.9	1.7	112.09		
	2.50	91.9	1.7	112.11		
	3.00	92.0	1.8	112.12		
	3.50	92.1	1.9	112.13		
	4.00	92.3	2.1	112.14		
	4.50	92.2	2.0	112.14		
	5.00	92.0	1.8	112.16		
	5.50	91.9	1.7	112.17		
	6.00	91.9	1.7	112.17		
	6.50	92.0	1.8	112.20		
	7.00	92.0	1.8	112.20		
	7.50	92.0	1.8	112.21		
	8.00	92.4	2.2	112.24		
	8.50	92.0	1.8	112.25		
	9.00	92.0	1.8	112.26		
	9.50	92.0	1.8	112.28		
	10.00	94.7	4.5	112.30		
	10.50	94.3	4.0	112.30		
	11.00	95.2	5.0	112.30		
	11.50	95.5	5.2	112.30		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

T: 10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

E: 10/27/98 TIME: 14:36:13

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	12.00	94.6	4.3	112.30		
	12.50	95.0	4.8	112.34		
	13.00	95.2	5.0	112.40		
	13.50	95.4	5.2	112.45		
	14.00	95.6	5.4	112.49		
	14.50	95.7	5.5	112.54		
	15.00	95.8	5.6	112.58		
	15.50	90.5	0.3	112.61		
** End Flow 2	16.00	95.3	5.1	112.64		
** Start Shutin 2	0.00	95.3	0.0	112.64	0.0000	0.009
	0.50	99.3	3.9	112.67	153.0000	0.01
	1.00	103.2	7.9	112.70	77.0000	0.011
	1.50	107.3	12.0	112.73	51.6667	0.012
	2.00	111.6	16.2	112.75	39.0000	0.012
	2.50	115.9	20.6	112.79	31.4000	0.013
	3.00	120.4	25.1	112.80	26.3333	0.015
	3.50	125.1	29.8	112.83	22.7143	0.016
	4.00	130.0	34.7	112.86	20.0000	0.017
	4.50	135.0	39.7	112.88	17.8889	0.018
	5.00	140.8	45.4	112.88	16.2000	0.020
	5.50	146.3	51.0	112.91	14.8182	0.021
	6.00	151.7	56.3	112.93	13.6667	0.023
	6.50	156.5	61.1	112.95	12.6923	0.024
	7.00	161.6	66.3	112.97	11.8571	0.026
	7.50	167.4	72.1	112.98	11.1333	0.028
	8.00	174.4	79.1	113.00	10.5000	0.030
	8.50	180.6	85.3	113.01	9.9412	0.033
	9.00	187.0	91.6	113.03	9.4444	0.035
	9.50	193.4	98.1	113.04	9.0000	0.037
	10.00	200.0	104.7	113.05	8.6000	0.040
	10.50	206.7	111.4	113.07	8.2381	0.043
	11.00	213.5	118.1	113.07	7.9091	0.046
	11.50	221.9	126.6	113.08	7.6087	0.049
	12.00	229.3	134.0	113.10	7.3333	0.053
	12.50	236.3	141.0	113.12	7.0800	0.056
	13.00	243.4	148.1	113.13	6.8462	0.059
	13.50	251.8	156.5	113.13	6.6296	0.063
	14.00	258.7	163.3	113.14	6.4286	0.067
	14.50	265.7	170.4	113.15	6.2414	0.071
	15.00	272.9	177.5	113.17	6.0667	0.074
	15.50	280.0	184.7	113.19	5.9032	0.078
	16.00	287.1	191.8	113.20	5.7500	0.082
	16.50	294.1	198.8	113.19	5.6061	0.086
	17.00	303.6	208.3	113.21	5.4706	0.092
	17.50	309.8	214.4	113.21	5.3429	0.096
	18.00	317.2	221.8	113.23	5.2222	0.101
	18.50	323.8	228.5	113.24	5.1081	0.105
	19.00	330.4	235.1	113.25	5.0000	0.109
	19.50	336.9	241.6	113.26	4.8974	0.114
	20.00	343.3	248.0	113.27	4.8000	0.118
	20.50	349.8	254.4	113.28	4.7073	0.122

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

ST: 10986 D.S.T.#3 Foster "D" #3 Lebsack Oil Prod.

TE: 10/27/98 TIME: 14:36:13

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	21.00	358.6	263.3	113.28	4.6190	0.129
	21.50	364.0	268.6	113.29	4.5349	0.132
	22.00	371.4	276.1	113.30	4.4545	0.138
	22.50	377.5	282.2	113.31	4.3778	0.143
	23.00	383.7	288.4	113.32	4.3043	0.147
	23.50	389.1	293.8	113.33	4.2340	0.151
	24.00	394.7	299.3	113.34	4.1667	0.156
	24.50	400.1	304.8	113.35	4.1020	0.160
	25.00	405.5	310.2	113.36	4.0400	0.164
	25.50	411.5	316.2	113.37	3.9804	0.169
	26.00	416.7	321.4	113.37	3.9231	0.174
	26.50	422.0	326.6	113.39	3.8679	0.178
	27.00	427.1	331.8	113.39	3.8148	0.182
	27.50	432.4	337.1	113.40	3.7636	0.187
	28.00	437.5	342.2	113.41	3.7143	0.191
	28.50	444.4	349.0	113.41	3.6667	0.197
	29.00	449.2	353.9	113.42	3.6207	0.202
	29.50	454.0	358.7	113.44	3.5763	0.206
	30.00	459.2	363.9	113.44	3.5333	0.211
** End Shut-in 2	30.50	464.6	369.3	113.44	3.4918	0.216
** Final Hydro.	238.50	2318.1	0.0	113.92		