

CONFIDENTIAL

ORIGINAL

WELL NAME: JoLynn #1-22
COMPANY: Berexco, Inc
LOCATION: 22-30S-33W
Haskell County Kansas
DATE: 07/30/96

15-081-21017

NOV 12
CONFIDENTIAL

RELEASED
JAN 29 1999
FROM CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc. DATE 7-25-96
 WELL NAME: JoLynn #1-22 KB 2950.00 ft TICKET NO: 8996 DST #1
 LOCATION : 22-30S-33W Haskell Cty KS GR 2937.00 ft FORMATION: Marmaton
 INTERVAL : 4783.00 To 4800.00 ft TD 4866.00 ft TEST TYPE: CONV./STRADDLE

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	5495	5495	3024	11038		PF Fr. 0225 to 0240 hr
SI 30 Range(Psi)	4200.0	4200.0	4995.0	5075.0	0.0	IS Fr. 0240 to 0310 hr
SF 120 Clock(hrs)	12	12	Alpin	12 hr		SF Fr. 0310 to 0510 hr
FS 120 Depth(ft)	4796.0	4796.0	4792.0	4863.0	0.0	FS Fr. 0510 to 0710 hr

	Field	1	2	3	4	
A. Init Hydro	2479.0	2390.0	2403.0	2477.0	0.0	T STARTED 0030 hr
B. First Flow	67.0	61.0	29.0	0.0	0.0	T ON BOTM 0223 hr
B1. Final Flow	78.0	65.0	41.0	0.0	0.0	T OPEN 0225 hr
C. In Shut-in	1161.0	1153.0	1169.0	0.0	0.0	T PULLED 0710 hr
D. Init Flow	78.0	74.0	45.0	0.0	0.0	T OUT 0940 hr
E. Final Flow	101.0	97.0	104.0	0.0	0.0	
F. Fl Shut-in	1372.0	1381.0	1406.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2354.0	2337.0	2260.0	2374.0	0.0	Tool Wt. 3000.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 140000.00 lbs
						Initial Str Wt 95000.00 lbs
						Unseated Str Wt 110000.00 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 639.00 ft
						D.P. Length 4125.00

RECOVERY

Tot Fluid 185.00 ft of 185.00 ft in DC and 0.00 ft in DP
 2040.00 ft of Gas in pipe
 185.00 ft of Gassy oil cut mud - 40% gas, 10% oil, 50% mud

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

BLOW DESCRIPTION

Initial Flow -
 Weak blow, built to 4"

Initial Shutin -
 No blow back

Final Flow -
 Strong blow, bottom of bucket in 8 min

Final Shutin -
 Weak blow, built to 3"

SAMPLES: No
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	50.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop Y	50.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	3
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	TOM HORACEK
Co. Rep.	CHARLIE SPRADLIN
Contr.	Beredco Drlg.
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

Operator.....: Berexco, Inc
Well Name.....: JoLynn #1-22
DST Number.....: 1

Location.: 22-30S-33W
Test Type: Conv Straddle
Formation: Marmaton

Recorder No...: 3024
Recorder Depth: 4792
Test Interval.: 4783-4800

RESERVOIR CALCULATIONS: Fluid calculations based on shut-in #2

RESERVOIR PARAMETERS USED:

Net Pay.....:	10.00 ft
Porosity.....:	22.00 %
Bottom Hole Temp.....:	121.00 F
Specific Gravity.....:	0.031
API Gravity.....:	35.00
Compressibility.....:	0.000003 /psi
Viscosity.....:	5.6679 cp
Total Recovery.....:	185.00 ft
Total Flowing Time.....:	135.00 min.
Flow Rate.....:	2.17 bbls/d
Final Flowing Pressure.....:	104.00 psi
Horner Slope.....:	269.0607 psi/cycle
Extrapolated Pressure.....:	1492.07 psi
Formation Volume Factor.....:	1.03 Reservoir/Surface
Well Bore Radius.....:	3.94 in

RESULTS:

Effective Permeability.....:	0.769089 md
Flow Capacity.....:	7.6909 md.ft
Transmissibility.....:	1.3569 md.ft/cp
Skin Factor.....:	2.5190
Radius of Investigation.....:	18.52746 ft
Damage Ratio.....:	1.7368
Productivity Index.....:	0.0016 bbls/psi.d
Productivity Index W/O Damage.:	0.0027 bbls/psi.d

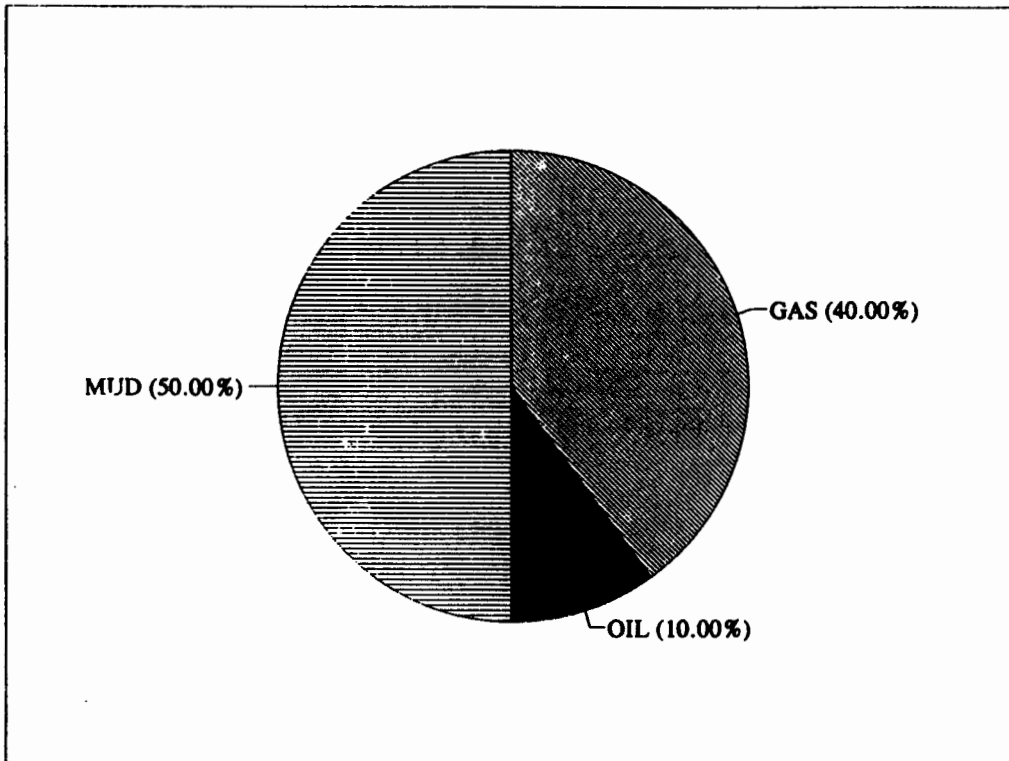
CALCULATED RECOVERY ANALYSIS - DRILL COLLARS

DST 1

TICKET 8996

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
1	185	40	74	10	18.5	0	0	50	92.5
2			0		0		0		0
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
TOTAL	185		74		18.5		0		92.5

BBL OIL =	0.09047	*	HRS OPEN	=	BBL/DAY
BBL WATER =	0	*	2.25	=	2.17116
BBL MUD =	0.45233			=	0
BBL GAS =	0.36186				



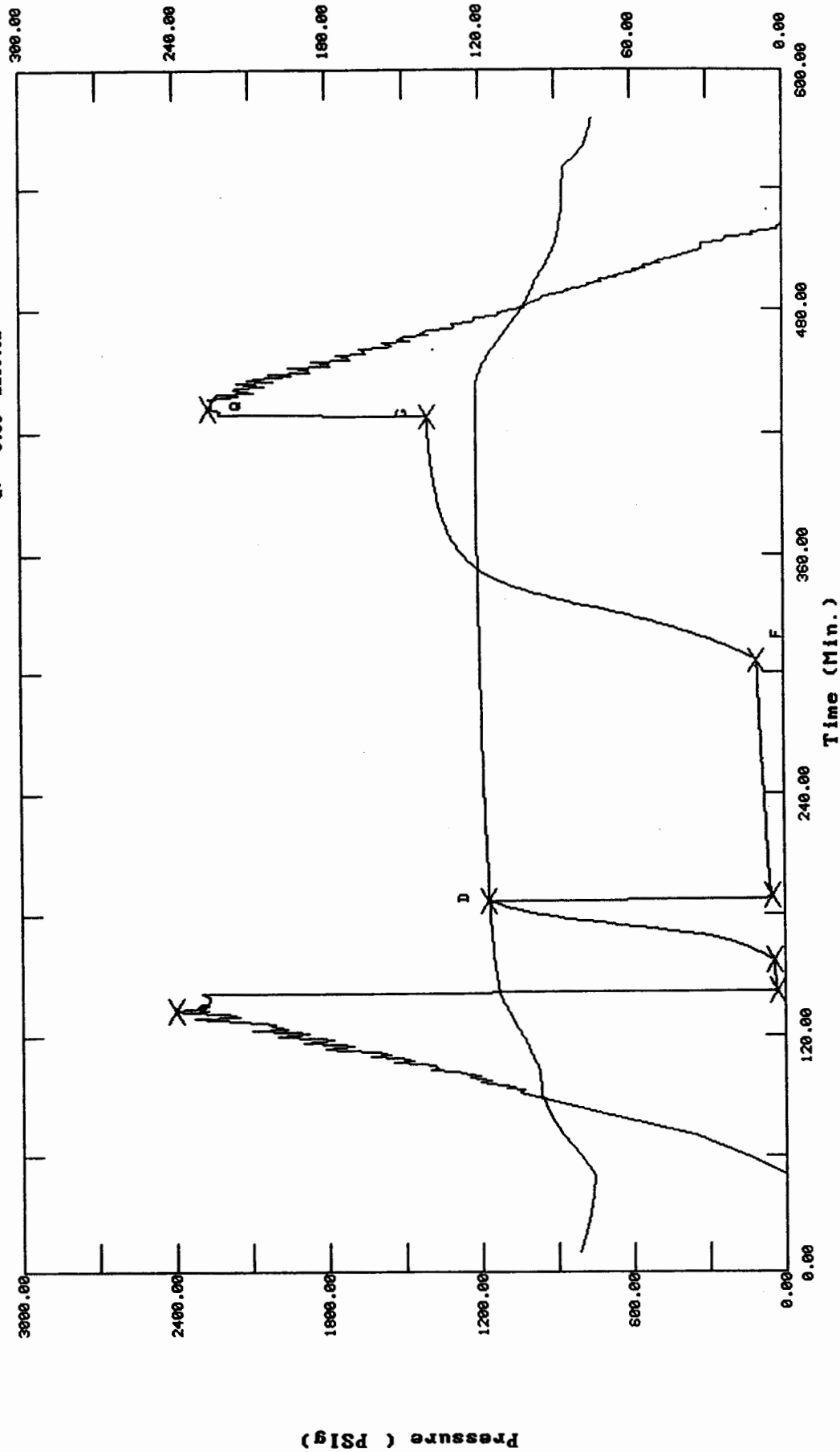
TEST HISTORY

8996 DST #1 Jolynn #1-22 Berexco Inc.

Flag Points

t (Min.) P (PSig)

A:	0.00	2403.49
B:	0.00	29.16
C:	15.00	41.12
D:	30.00	1169.49
E:	0.00	45.81
F:	117.00	104.21
G:	122.00	1406.42
Q:	0.00	2268.02



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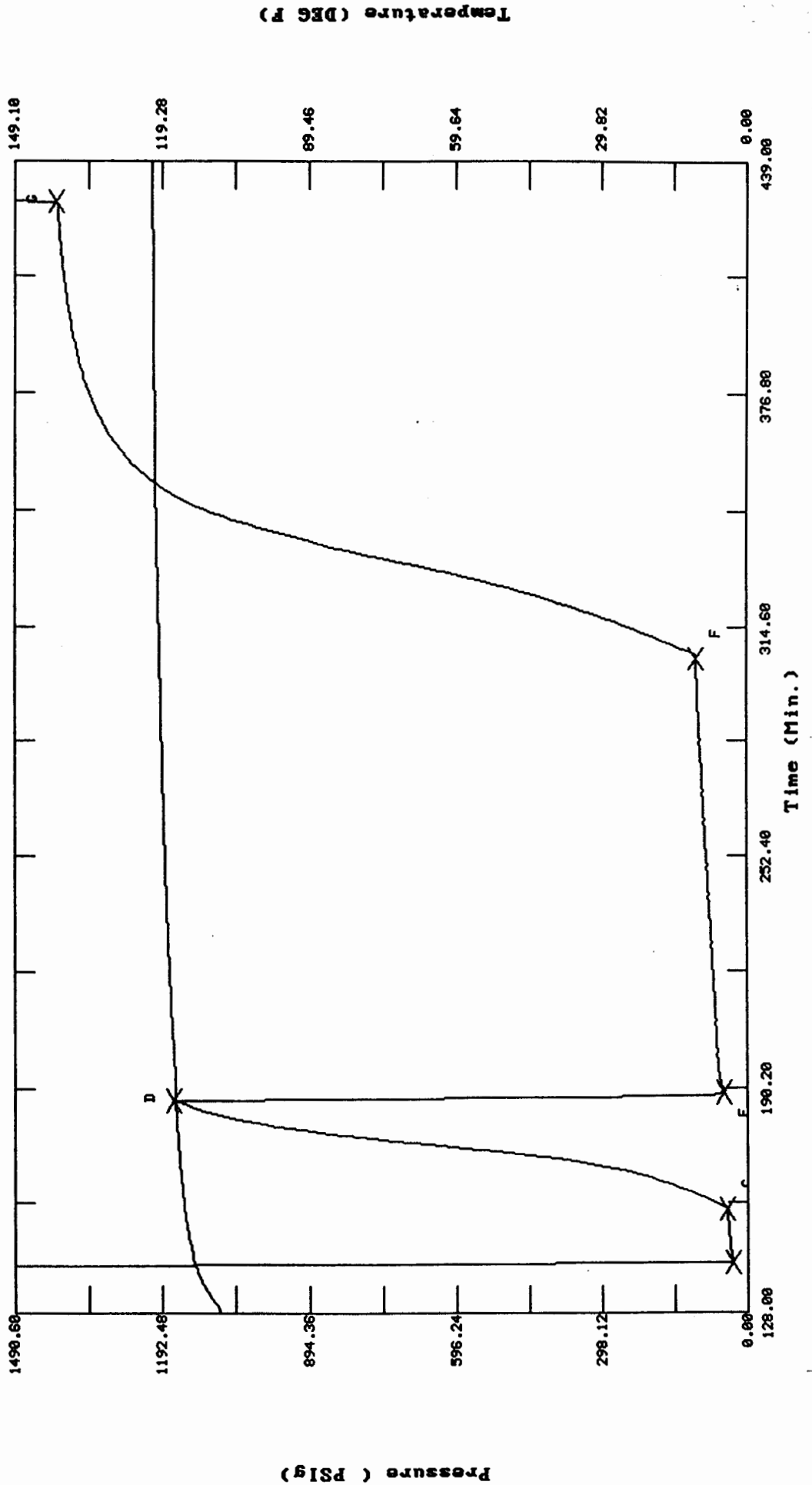
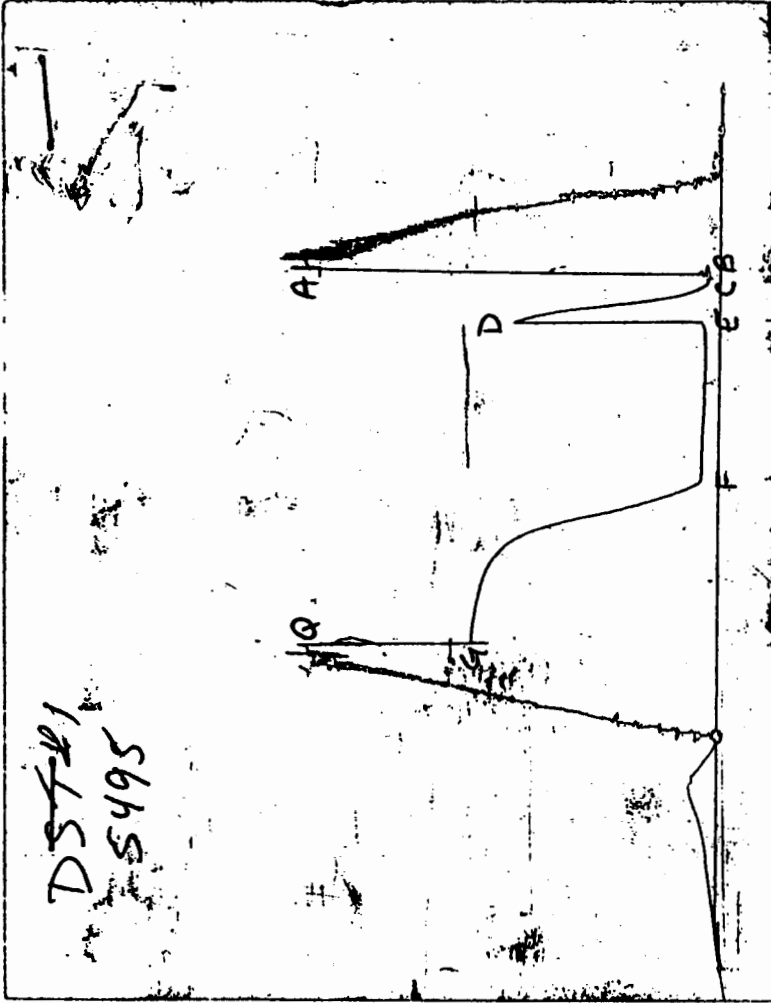
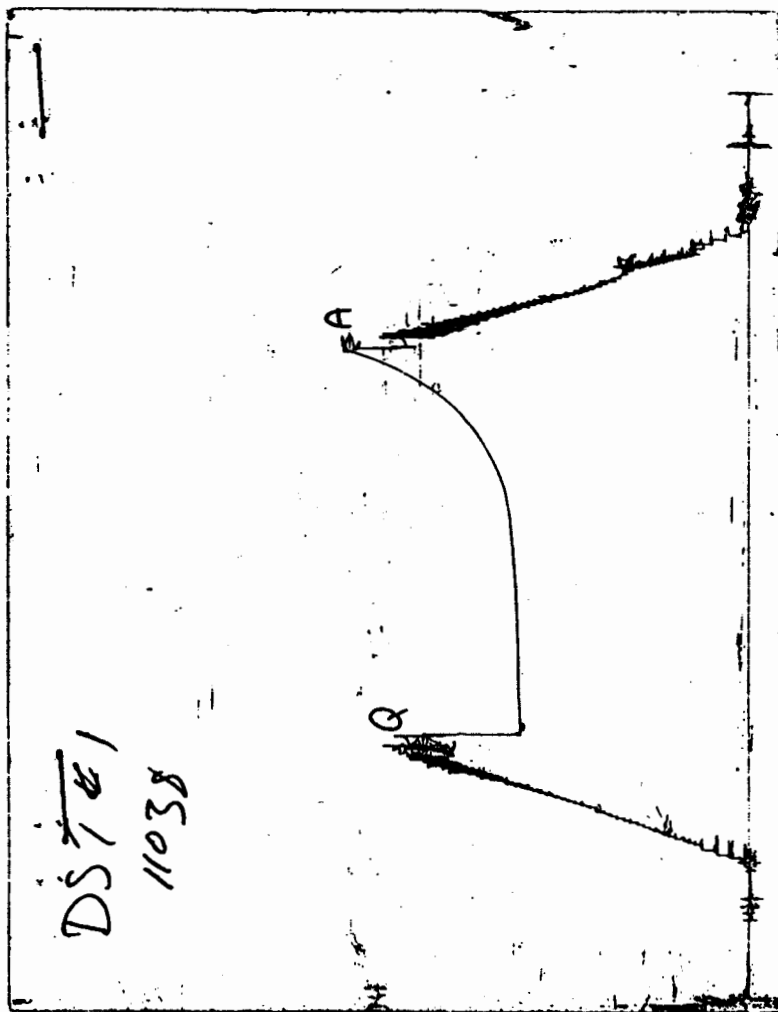


CHART PAGE



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

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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8996 DST #1 JoLynn #1-22 Berexco Inc.

DATE: 07/25/96 TIME: 00:08:01

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	133.00	2403.5	0.0	109.58		
***** Start Flow 1	0.00	29.2	0.0	112.78		
	1.00	29.9	0.7	112.94		
	2.00	30.7	1.6	113.05		
	3.00	32.2	3.1	113.19		
	4.00	33.3	4.2	113.34		
	5.00	33.9	4.7	113.49		
	6.00	35.1	6.0	113.65		
	7.00	35.3	6.1	113.80		
	8.00	36.8	7.7	113.95		
	9.00	37.8	8.6	114.08		
	10.00	38.7	9.5	114.21		
	11.00	38.5	9.4	114.33		
	12.00	39.3	10.1	114.43		
	13.00	39.7	10.5	114.54		
	14.00	40.4	11.3	114.65		
***** End Flow 1	15.00	41.1	12.0	114.74		
***** Start Shutin 1	0.00	41.1	0.0	114.74	0.0000	0.002
	1.00	53.9	12.7	114.83	16.0000	0.003
	2.00	68.4	27.3	114.90	8.5000	0.005
	3.00	83.7	42.6	114.97	6.0000	0.007
	4.00	99.7	58.6	115.06	4.7500	0.01
	5.00	116.9	75.8	115.13	4.0000	0.014
	6.00	136.0	94.9	115.20	3.5000	0.018
	7.00	155.8	114.7	115.26	3.1429	0.024
	8.00	177.4	136.3	115.33	2.8750	0.031
	9.00	200.0	158.9	115.41	2.6667	0.040
	10.00	222.6	181.5	115.47	2.5000	0.050
	11.00	251.3	210.1	115.54	2.3636	0.063
	12.00	291.5	250.4	115.60	2.2500	0.085
	13.00	337.1	295.9	115.67	2.1538	0.114
	14.00	389.0	347.9	115.72	2.0714	0.151
	15.00	447.3	406.2	115.79	2.0000	0.200
	16.00	511.5	470.4	115.85	1.9375	0.262
	17.00	580.1	539.0	115.90	1.8824	0.337
	18.00	651.5	610.4	115.96	1.8333	0.424
	19.00	722.8	681.7	116.02	1.7895	0.523
	20.00	791.3	750.2	116.08	1.7500	0.626
	21.00	854.1	813.0	116.13	1.7143	0.729
	22.00	910.4	869.2	116.20	1.6818	0.829
	23.00	959.9	918.8	116.24	1.6522	0.921
	24.00	1002.8	961.7	116.30	1.6250	1.006
	25.00	1040.1	999.0	116.36	1.6000	1.082
	26.00	1072.7	1031.6	116.40	1.5769	1.151
	27.00	1101.4	1060.3	116.44	1.5556	1.213
	28.00	1126.8	1085.6	116.50	1.5357	1.270
	29.00	1149.3	1108.2	116.54	1.5172	1.321
***** End Shut-in 1	30.00	1169.5	1128.4	116.56	1.5000	1.368
***** Start Flow 2	0.00	45.8	0.0	116.63		
	1.00	48.0	2.2	116.64		
	2.00	51.5	5.7	116.64		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8996 DST #1 JoLynn #1-22 Berexco Inc.

DATE: 07/25/96

TIME: 00:08:01

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
3.00	53.6	7.8	116.66		
4.00	54.3	8.5	116.68		
5.00	56.5	10.7	116.70		
6.00	57.8	12.0	116.74		
7.00	57.7	11.9	116.76		
8.00	58.3	12.5	116.80		
9.00	59.5	13.7	116.84		
10.00	60.4	14.6	116.89		
11.00	59.5	13.7	116.93		
12.00	60.5	14.7	116.97		
13.00	60.6	14.8	117.02		
14.00	61.6	15.8	117.08		
15.00	61.3	15.5	117.12		
16.00	62.6	16.8	117.17		
17.00	62.3	16.5	117.21		
18.00	63.3	17.4	117.26		
19.00	62.7	16.9	117.30		
20.00	64.1	18.3	117.34		
21.00	64.3	18.5	117.38		
22.00	64.9	19.1	117.43		
23.00	64.7	18.9	117.47		
24.00	65.5	19.6	117.52		
25.00	65.9	20.1	117.56		
26.00	65.9	20.1	117.60		
27.00	66.4	20.6	117.64		
28.00	67.2	21.4	117.68		
29.00	67.4	21.6	117.72		
30.00	67.6	21.8	117.76		
31.00	68.3	22.5	117.80		
32.00	68.9	23.1	117.83		
33.00	69.2	23.4	117.87		
34.00	69.5	23.7	117.90		
35.00	70.3	24.5	117.95		
36.00	70.5	24.7	117.97		
37.00	71.1	25.3	118.00		
38.00	71.2	25.4	118.05		
39.00	72.2	26.4	118.08		
40.00	71.9	26.1	118.11		
41.00	72.3	26.5	118.15		
42.00	73.3	27.5	118.18		
43.00	73.8	28.0	118.20		
44.00	73.4	27.6	118.24		
45.00	74.2	28.4	118.27		
46.00	74.7	28.9	118.30		
47.00	75.3	29.5	118.34		
48.00	76.3	30.5	118.37		
49.00	76.0	30.2	118.40		
50.00	77.1	31.3	118.43		
51.00	76.9	31.1	118.46		
52.00	78.2	32.3	118.48		
53.00	77.8	32.0	118.51		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8996 DST #1 JoLynn #1-22 Berexco Inc.
 DATE 07/25/96 TIME: 00:08:01

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
54.00	78.3	32.4	118.55		
55.00	79.4	33.6	118.56		
56.00	79.2	33.3	118.59		
57.00	79.7	33.8	118.62		
58.00	79.3	33.5	118.64		
59.00	80.8	35.0	118.67		
60.00	81.0	35.1	118.70		
61.00	80.5	34.7	118.72		
62.00	82.4	36.6	118.76		
63.00	82.6	36.7	118.77		
64.00	82.5	36.7	118.80		
65.00	83.2	37.4	118.82		
66.00	84.6	38.8	118.85		
67.00	84.8	39.0	118.87		
68.00	84.7	38.9	118.89		
69.00	85.1	39.3	118.93		
70.00	85.6	39.8	118.95		
71.00	85.9	40.1	118.97		
72.00	86.9	41.1	119.00		
73.00	86.6	40.8	119.02		
74.00	87.4	41.6	119.04		
75.00	87.9	42.1	119.06		
76.00	88.1	42.3	119.08		
77.00	88.8	43.0	119.10		
78.00	89.4	43.6	119.12		
79.00	89.5	43.7	119.14		
80.00	90.2	44.4	119.17		
81.00	89.8	44.0	119.19		
82.00	90.1	44.3	119.21		
83.00	92.1	46.3	119.23		
84.00	91.5	45.7	119.25		
85.00	91.5	45.7	119.27		
86.00	91.9	46.1	119.29		
87.00	91.8	46.0	119.31		
88.00	92.6	46.8	119.33		
89.00	93.3	47.5	119.36		
90.00	93.8	47.9	119.38		
91.00	95.1	49.2	119.40		
92.00	95.3	49.5	119.41		
93.00	95.5	49.7	119.43		
94.00	95.8	50.0	119.46		
95.00	95.8	50.0	119.48		
96.00	96.0	50.2	119.49		
97.00	96.6	50.7	119.52		
98.00	96.7	50.9	119.53		
99.00	96.7	50.9	119.55		
100.00	97.6	51.8	119.57		
101.00	97.5	51.7	119.59		
102.00	98.2	52.4	119.61		
103.00	98.9	53.1	119.63		
104.00	99.0	53.2	119.64		

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	105.00	99.7	53.9	119.65		
	106.00	100.2	54.4	119.68		
	107.00	101.2	55.4	119.69		
	108.00	99.4	53.6	119.72		
	109.00	101.2	55.4	119.73		
	110.00	101.6	55.8	119.75		
	111.00	101.0	55.2	119.76		
	112.00	101.9	56.1	119.78		
	113.00	102.2	56.4	119.80		
	114.00	102.9	57.1	119.82		
	115.00	102.3	56.5	119.84		
	116.00	102.7	56.9	119.85		
*****	End Flow 2	117.00	104.2	58.4	119.87	
*****	Start Shutin 2	0.00	104.2	0.0	119.87	0.0000
	1.00	104.0	-0.2	119.89	133.0000	0.011
	2.00	122.7	18.5	119.91	67.0000	0.015
	3.00	140.8	36.6	119.94	45.0000	0.020
	4.00	158.7	54.5	119.95	34.0000	0.025
	5.00	176.7	72.5	119.96	27.4000	0.031
	6.00	195.3	91.1	119.98	23.0000	0.038
	7.00	214.3	110.0	120.00	19.8571	0.046
	8.00	233.8	129.6	120.02	17.5000	0.055
	9.00	253.7	149.5	120.05	15.6667	0.064
	10.00	274.0	169.8	120.07	14.2000	0.075
	11.00	295.0	190.8	120.09	13.0000	0.087
	12.00	316.8	212.6	120.11	12.0000	0.100
	13.00	339.3	235.1	120.14	11.1538	0.115
	14.00	362.7	258.5	120.15	10.4286	0.132
	15.00	387.0	282.8	120.17	9.8000	0.150
	16.00	412.1	307.9	120.19	9.2500	0.170
	17.00	437.9	333.7	120.21	8.7647	0.192
	18.00	464.6	360.4	120.23	8.3333	0.216
	19.00	492.2	388.0	120.25	7.9474	0.242
	20.00	520.6	416.4	120.27	7.6000	0.271
	21.00	549.9	445.7	120.29	7.2857	0.302
	22.00	580.0	475.8	120.32	7.0000	0.336
	23.00	610.7	506.5	120.33	6.7391	0.373
	24.00	643.9	539.7	120.35	6.5000	0.415
	25.00	679.2	575.0	120.37	6.2800	0.461
	26.00	714.9	610.7	120.39	6.0769	0.511
	27.00	750.3	646.1	120.41	5.8889	0.563
	28.00	784.8	680.6	120.43	5.7143	0.616
	29.00	818.3	714.1	120.45	5.5517	0.670
	30.00	851.2	747.0	120.47	5.4000	0.725
	31.00	883.4	779.2	120.49	5.2581	0.780
	32.00	911.6	807.4	120.51	5.1250	0.831
	33.00	940.1	835.9	120.53	5.0000	0.884
	34.00	970.7	866.5	120.56	4.8824	0.942
	35.00	999.2	895.0	120.56	4.7714	0.998
	36.00	1022.8	918.6	120.58	4.6667	1.046
	37.00	1048.6	944.4	120.60	4.5676	1.100

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DAT 07/25/96

TIME: 00:08:01

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
38.00	1071.8	967.6	120.61	4.4737	1.149
39.00	1093.0	988.8	120.64	4.3846	1.195
40.00	1112.4	1008.2	120.66	4.3000	1.237
41.00	1129.8	1025.6	120.67	4.2195	1.276
42.00	1145.9	1041.7	120.68	4.1429	1.313
43.00	1161.1	1056.9	120.70	4.0698	1.348
44.00	1174.6	1070.4	120.72	4.0000	1.380
45.00	1186.8	1082.6	120.73	3.9333	1.409
46.00	1198.7	1094.5	120.74	3.8696	1.437
47.00	1209.7	1105.5	120.75	3.8085	1.463
48.00	1219.9	1115.7	120.76	3.7500	1.488
49.00	1229.5	1125.3	120.78	3.6939	1.512
50.00	1238.3	1134.1	120.78	3.6400	1.534
51.00	1246.7	1142.5	120.79	3.5882	1.554
52.00	1254.5	1150.3	120.81	3.5385	1.574
53.00	1261.5	1157.3	120.81	3.4906	1.591
54.00	1268.2	1164.0	120.83	3.4444	1.608
55.00	1274.6	1170.4	120.84	3.4000	1.625
56.00	1280.7	1176.5	120.83	3.3571	1.640
57.00	1286.5	1182.3	120.86	3.3158	1.655
58.00	1292.0	1187.8	120.86	3.2759	1.669
59.00	1297.3	1193.1	120.87	3.2373	1.683
60.00	1302.1	1197.9	120.89	3.2000	1.695
61.00	1306.7	1202.5	120.89	3.1639	1.707
62.00	1311.0	1206.8	120.89	3.1290	1.719
63.00	1315.2	1211.0	120.90	3.0952	1.730
64.00	1319.3	1215.1	120.92	3.0625	1.740
65.00	1322.9	1218.7	120.92	3.0308	1.750
66.00	1326.5	1222.3	120.92	3.0000	1.760
67.00	1329.9	1225.6	120.94	2.9701	1.769
68.00	1333.1	1228.9	120.94	2.9412	1.777
69.00	1336.3	1232.1	120.95	2.9130	1.786
70.00	1339.3	1235.1	120.95	2.8857	1.794
71.00	1342.1	1237.9	120.96	2.8592	1.801
72.00	1344.8	1240.6	120.97	2.8333	1.808
73.00	1347.6	1243.4	120.98	2.8082	1.816
74.00	1350.2	1246.0	120.98	2.7838	1.823
75.00	1352.6	1248.4	120.98	2.7600	1.830
76.00	1355.0	1250.8	120.99	2.7368	1.836
77.00	1357.3	1253.1	121.00	2.7143	1.842
78.00	1359.5	1255.3	121.01	2.6923	1.848
79.00	1361.6	1257.3	121.01	2.6709	1.854
80.00	1363.6	1259.4	121.01	2.6500	1.859
81.00	1365.5	1261.3	121.02	2.6296	1.865
82.00	1367.3	1263.1	121.03	2.6098	1.870
83.00	1369.0	1264.8	121.04	2.5904	1.874
84.00	1370.1	1265.9	121.05	2.5714	1.877
85.00	1371.8	1267.6	121.06	2.5529	1.882
86.00	1373.5	1269.3	121.06	2.5349	1.886
87.00	1375.0	1270.8	121.05	2.5172	1.891
88.00	1376.5	1272.3	121.07	2.5000	1.895

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

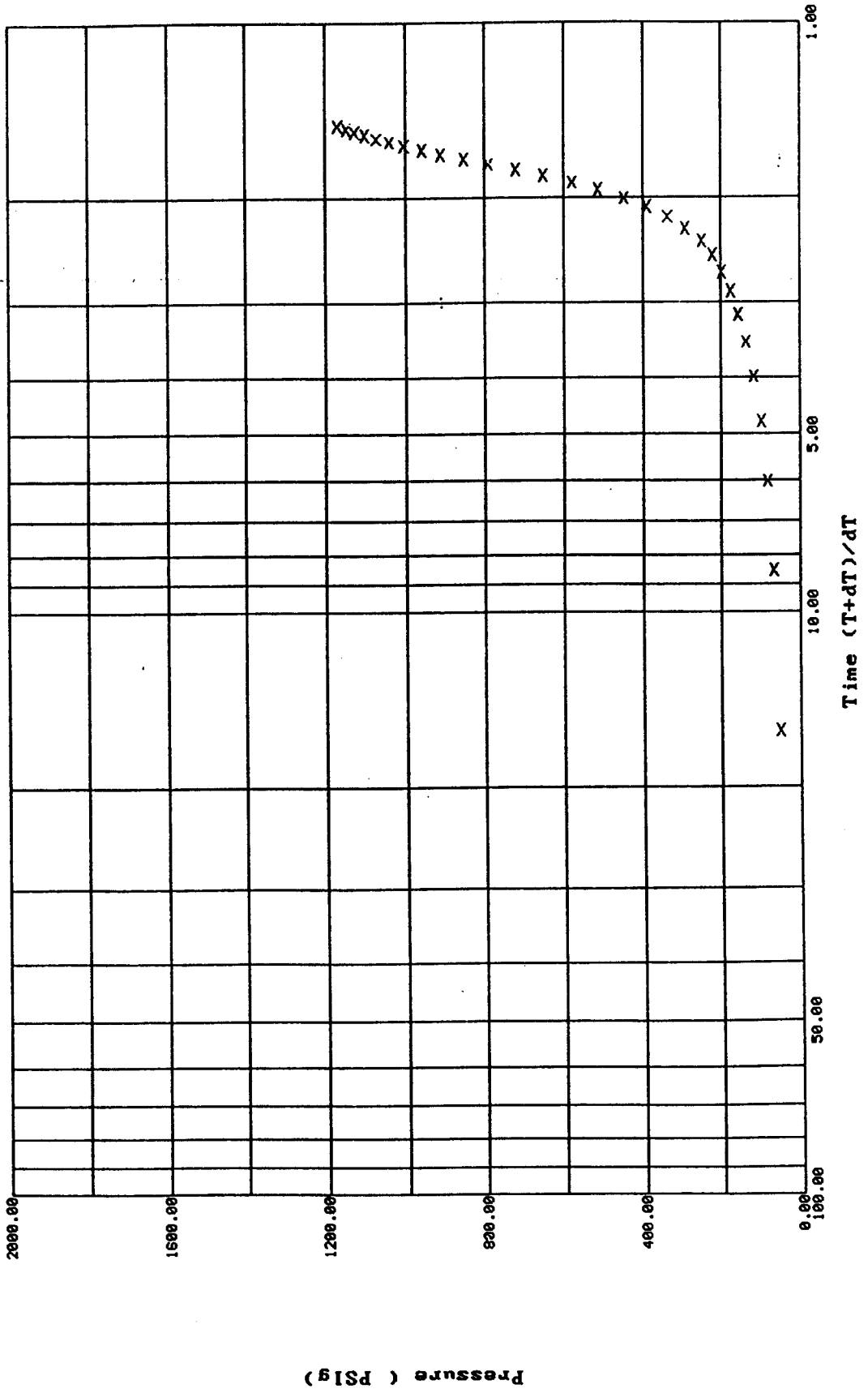
TEST: 8996 DST #1 JoLynn #1-22 Berexco Inc.

DATE: 07/25/96

TIME: 00:08:01

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
89.00	1378.0	1273.8	121.08	2.4831	1.899
90.00	1379.4	1275.2	121.09	2.4667	1.903
91.00	1380.8	1276.6	121.09	2.4505	1.907
92.00	1382.1	1277.9	121.10	2.4348	1.910
93.00	1383.4	1279.2	121.11	2.4194	1.914
94.00	1384.6	1280.4	121.11	2.4043	1.917
95.00	1385.8	1281.6	121.12	2.3895	1.920
96.00	1386.9	1282.6	121.13	2.3750	1.923
97.00	1388.0	1283.7	121.13	2.3608	1.926
98.00	1389.0	1284.8	121.14	2.3469	1.929
99.00	1390.1	1285.8	121.15	2.3333	1.932
100.00	1391.0	1286.8	121.16	2.3200	1.935
101.00	1392.0	1287.8	121.17	2.3069	1.938
102.00	1392.9	1288.7	121.17	2.2941	1.940
103.00	1393.8	1289.6	121.18	2.2816	1.943
104.00	1394.6	1290.4	121.20	2.2692	1.945
105.00	1395.5	1291.3	121.19	2.2571	1.947
106.00	1396.3	1292.1	121.20	2.2453	1.950
107.00	1397.1	1292.9	121.20	2.2336	1.952
108.00	1397.8	1293.6	121.21	2.2222	1.954
109.00	1398.5	1294.3	121.22	2.2110	1.956
110.00	1399.3	1295.1	121.23	2.2000	1.958
111.00	1400.0	1295.8	121.23	2.1892	1.960
112.00	1400.6	1296.4	121.24	2.1786	1.962
113.00	1401.3	1297.1	121.25	2.1681	1.964
114.00	1402.0	1297.7	121.25	2.1579	1.965
115.00	1402.6	1298.4	121.26	2.1478	1.967
116.00	1403.2	1298.9	121.27	2.1379	1.969
117.00	1403.7	1299.5	121.28	2.1282	1.970
118.00	1404.3	1300.1	121.28	2.1186	1.972
119.00	1404.9	1300.6	121.28	2.1092	1.974
120.00	1405.4	1301.2	121.30	2.1000	1.975
121.00	1405.9	1301.7	121.30	2.0909	1.977
122.00	1406.4	1302.2	121.30	2.0820	1.978
***** End Shut-in 2					
***** Final Hydro.	432.00	2260.0	0.0	121.37	

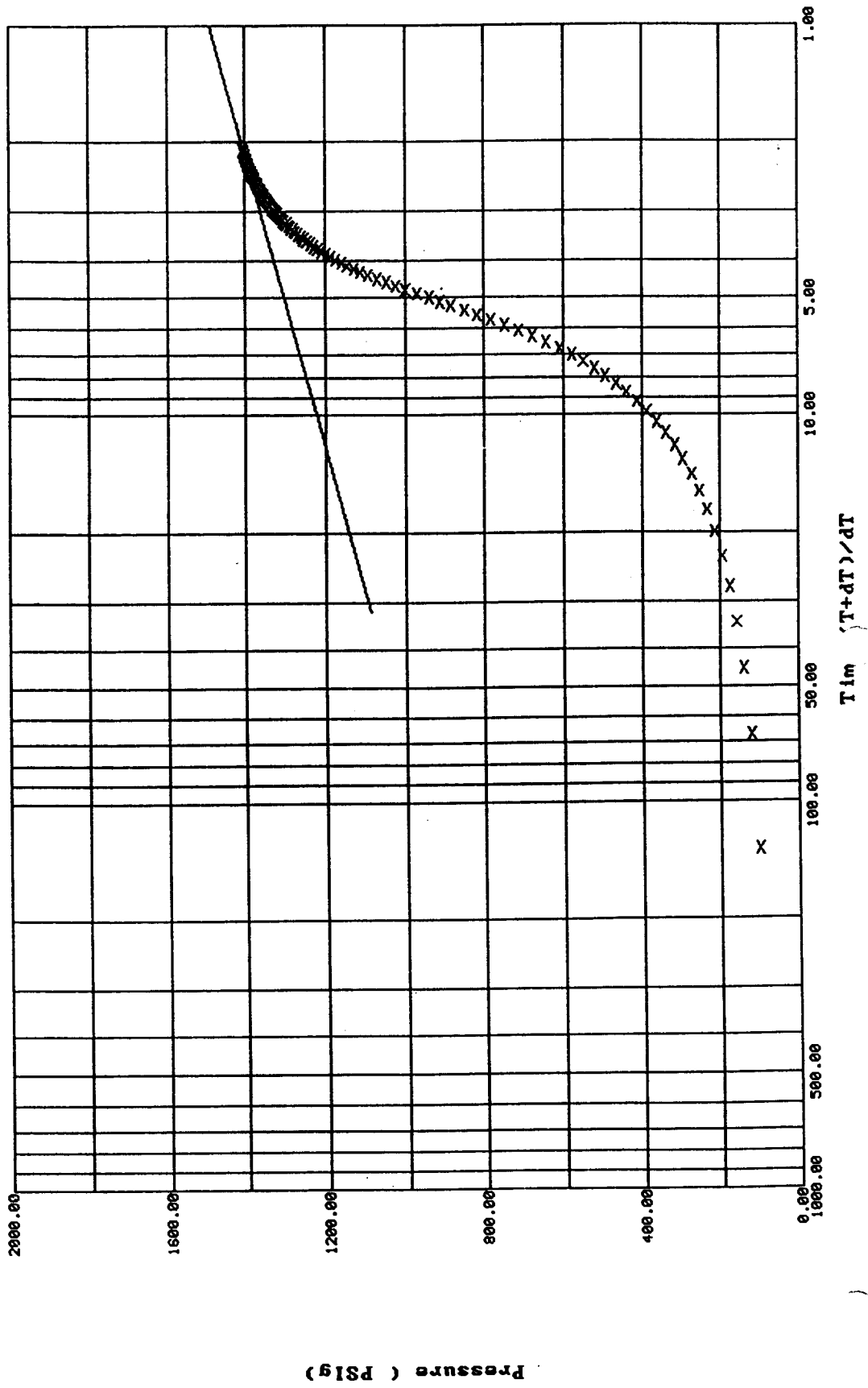
Horner Plot: shut-in #1
8996 DST #1 JoLynn #1-22 Berexco Inc.



Horner Plot: shut-in #2

8996 DST #1 JoLynn #1-22 Berexco Inc.

Slope: 269.0607 PSig/cycle
Ext. Pressure: 1492.0741 PSig



*** TOOL DIAGRAM *** CONV./STRADDLE

WELL NAME: JoLynn #1-22
 LOCATION : 22-30s-33w
 TICKET No. 8996 D.S.T. No. 1 DATE 7-25-96
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 27 ft.
 INTERVAL TOOL
 BOTTOM PACKERS AND ANCHOR 17 ft.
 TOTAL TOOL 44 ft.
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands Single 2 Total 66 ft.
 TOTAL ASSEMBLY 66 ft.
 D.C. ABOVE TOOLS.Stands7 Single Total 639 ft.
 D.P. ABOVE TOOLS.Stands44 Single 1 Total 4125 ft.
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4874 ft.
 TOTAL DEPTH 4866 ft.
 TOTAL DRILL PIPE ABOVE K.B. 8 ft.

REMARKS:

P.O. SUB	
C.O. SUB	4757
S.I. TOOL	4762
HMV Hyd. Tool	4767
JARS	4772
SAFETY JOINT	4774
PACKER	4778
PACKER	4783
DEPTH 4783	
STUBB Perf 3 ft.	4786
ANCHOR Pick up sub 5 ft.	4791
Alpine Rec. @	4792
Perf 4 ft.	4795
AK-1 Rec. @	4796
T.C.	
DEPTH 4800	
PACKER 4 ft.	4800
Perf 1 ft.	4801
C.O. sub 1 ft.	4802
D.P. 62 ft.	4864
C.O. sub 1 ft.	4865
AK-1 Rec. @	4863
BULLNOSE	
T.D. Bull Plug 1 ft.	4866

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc DATE 07/25/96
 WELL NAME: JoLynn #1-22 KB 2950.00 ft TICKET NO: 8997 DST #2
 LOCATION : 22-30S-33W Haskell Cty KS GR 2937.00 ft FORMATION: Pawnee
 INTERVAL : 4876.00 To 4900.00 ft TD 4900.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	11038	11038	5495			PF Fr. 0055 to 0110 hr
SI 30 Range(Psi)	5075.0	5075.0	4200.0	0.0	0.0	IS Fr. 0110 to 0140 hr
SF 60 Clock(hrs)	12	12	12			SF Fr. 0140 to 0240 hr
FS 120 Depth(ft)	4880.0	4880.0	4897.0	0.0	0.0	FS Fr. 0240 to 0440 hr

	Field	1	2	3	4	
A. Init Hydro	2580.0	2591.0	0.0	0.0	0.0	T STARTED 2230 hr
B. First Flow	149.0	139.0	0.0	0.0	0.0	T ON BOTM 0053 hr
B1. Final Flow	243.0	246.0	0.0	0.0	0.0	T OPEN 0055 hr
C. In Shut-in	1172.0	1180.0	0.0	0.0	0.0	T PULLED 0440 hr
D. Init Flow	243.0	268.0	0.0	0.0	0.0	T OUT 0740 hr
E. Final Flow	389.0	419.0	0.0	0.0	0.0	
F. Fl Shut-in	1297.0	1298.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2529.0	2498.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	I	I	O			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 135000.00 lbs
						Initial Str Wt 100000.00 lbs
						Unseated Str Wt 115000.00 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 639.00
						D.P. Length 4220.00

RECOVERY

Tot Fluid 825.00 ft of 639.00 ft in DC and 186.00 ft in DP
 3630.00 ft of Gas in pipe
 216.00 ft of Gassy water & oil cut mud -
 20% gas, 30% oil, 20% water, 30% mud
 609.00 ft of Salt water

RW .095 ohms @ 63 F

SALINITY 95000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Bottom of bucket immediately

Initial Shutin -
 No blow back

Final Flow -
 Fair blow, bottom of bucket in 5 min

Final Shutin -
 Weak blow, built to 8"

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/gal
Vis.	43.00 S/L
W.L.	9.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	121.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Shane McBride
Co. Rep.	Charlie Spradlin
Contr.	Beredco
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST 2

TICKE 8997

SAMPLE #	TOTAL FEET	GAS		OIL		WATER		MUD	
		%	FEET	%	FEET	%	FEET	%	FEET
DRILL	186	20	37.2	30	55.8	20	37.2	30	55.8
PIPE	2		0		0		0		0
	3		0		0		0		0
	4		0		0		0		0
	5		0		0		0		0
	6		0		0		0		0
WEIGHT	1		0		0		0		0
PIPE	2		0		0		0		0
	3		0		0		0		0
	4		0		0		0		0
DRILL	30	20	6	30	9	20	6	30	9
COLLAR	609		0		0	100	609		0
	3		0		0		0		0
	4		0		0		0		0
	5		0		0		0		0
TOTAL	825		43.2		64.8		652.2		64.8

HRS OPEN BBL/DAY
 BBL OIL = 0.83749 * 1.25 = 16.0797
 BBL WATER 3.53633 * = 67.8976
 BBL MUD = 0.83749
 BBL GAS = 0.55832

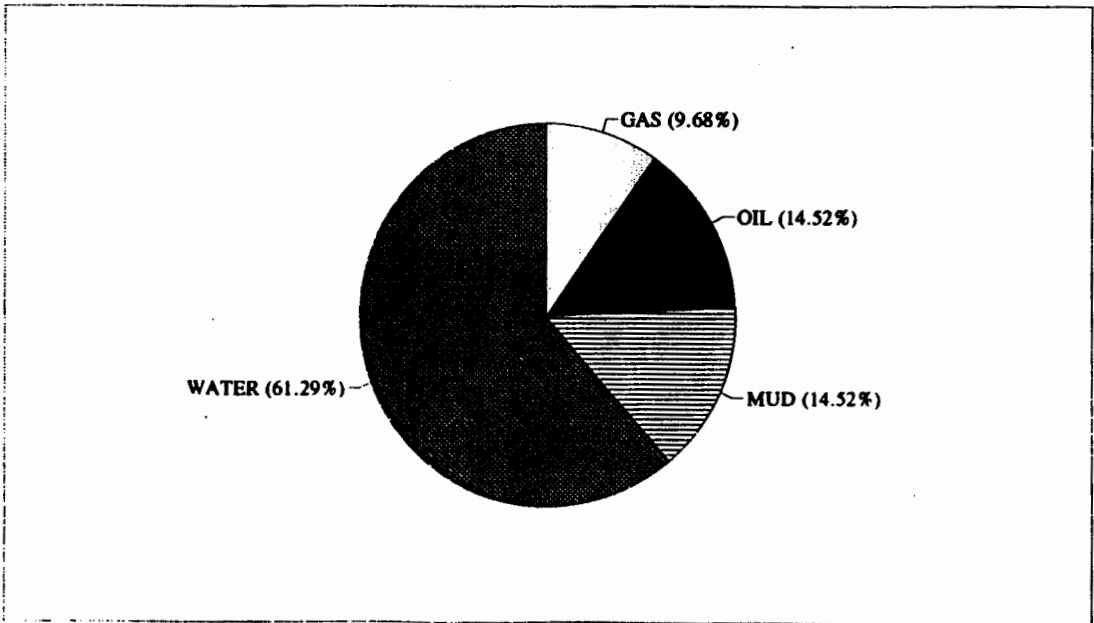
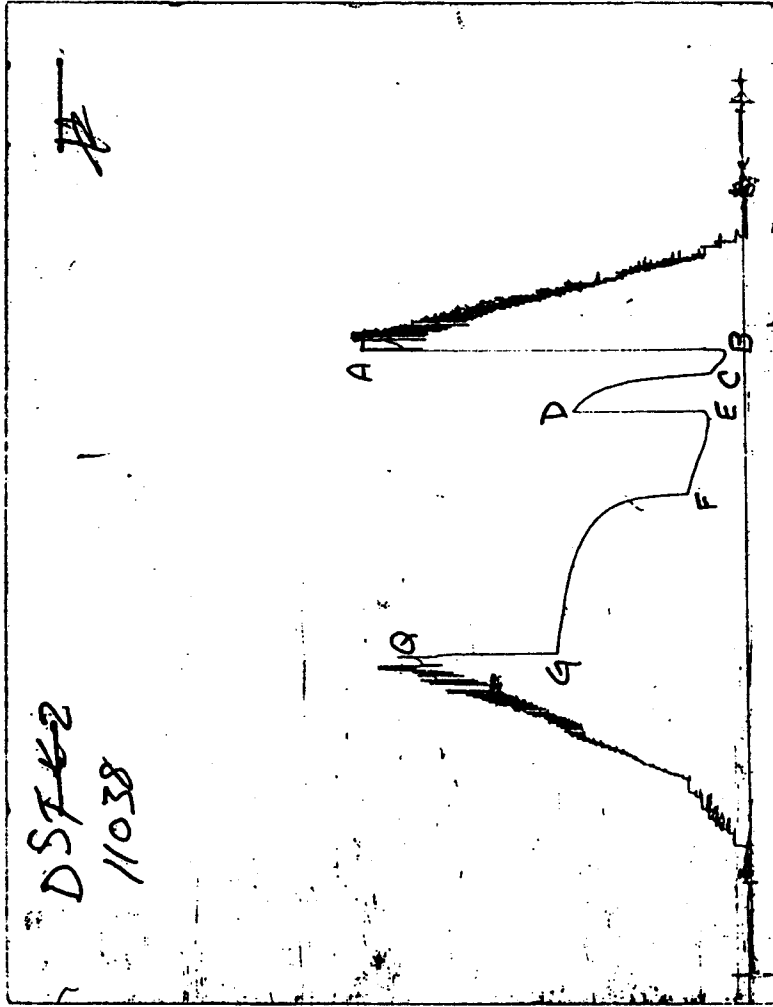


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Berexco Inc.
 WELL NAME: JoLynn #1-22
 LOCATION : 22-30S-33W Haskell Cty KS
 INTERVAL : 5367.00 To 5400.00 ft

DATE 7/29/96

KB 2950.00 ft TICKET NO: 8998 DST #3
 GR 2937.00 ft FORMATION: Chester
 TD 5400.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	11038	11038	3024			PF Fr. 0230 to 0245 hr
SI 30 Range(Psi)	5075.0	5075.0	4995.0	0.0	0.0	IS Fr. 0245 to 0315 hr
SF 60 Clock(hrs)	12 hr	12 hr	Alpin			SF Fr. 0315 to 0415 hr
FS 120 Depth(ft)	5397.0	5397.0	5376.0	0.0	0.0	FS Fr. 0415 to 0615 hr

	Field	1	2	3	4	
A. Init Hydro	2825.0	2768.0	2665.0	0.0	0.0	T STARTED 0015 hr
B. First Flow	190.0	209.0	177.0	0.0	0.0	T ON BOTM 0228 hr
B1. Final Flow	176.0	209.0	184.0	0.0	0.0	T OPEN 0230 hr
C. In Shut-in	1436.0	1456.0	1453.0	0.0	0.0	T PULLED 0615 hr
D. Init Flow	176.0	177.0	156.0	0.0	0.0	T OUT 0910 hr
E. Final Flow	149.0	163.0	138.0	0.0	0.0	
F. Fl Shut-in	1159.0	1182.0	1179.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2773.0	2684.0	2591.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs

RECOVERY

Tot Fluid 1.00 ft of 1.00 ft in DC and 0.00 ft in DP
 1.00 ft of Clean oil - 2% gas, 98% oil

Initial Str Wt 100000.00 lb
 Unseated Str Wt 120000.00 lb
 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 639.00 ft
 D.P. Length 4724.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 20.60

BLOW DESCRIPTION

Initial Flow -
 Very strong blow, bottom of bucket
 immediately, Gas to surface in 4 min,
 gas will burn

Final Flow -
 Bottom of bucket as tool opened

Final Shutin -
 Weak blow throughout

SAMPLES: Yes
 SENT TO: Caraway

MUD DATA-----
 Mud Type Chemical
 Weight 8.80 lb/
 Vis. 56.00 S/I
 W.L. 8.80 in
 F.C. 0.00 in
 Mud Drop Y 20.0 ft
 Amt. of fill 0.00 ft
 Btm. H. Temp. 123.00 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 TOM HORACEK
 Co. Rep. CHARLIE SPRADLIN
 Contr. Beredco Drlg.
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

Operator.....: Berexco, Inc
Well Name.....: JoLynn #1-22
DST Number.....: 3

Location.: 22-30S-33W Recorder No...: 3024
Test Type: Conventional Recorder Depth: 5376
Formation: Chester Test Interval.: 5367-5400

RESERVOIR CALCULATIONS: Gas calculations based on shut-in #2

RESERVOIR PARAMETERS USED:

Net Pay.....: 9.00 ft
Porosity.....: 14.00 %
Bottom Hole Temp.....: 123.00 F
Specific Gravity.....: 0.678
Z factor.....: $\frac{7}{3f} \frac{s}{s}$
Compressibility.....: 0.013812 /psi
Viscosity.....: 0.0138 cp
Total Flowing Time.....: 75.00 min.
Flow Rate.....: 700.00
Final Flowing Pressure.....: 138.00 psi
Horner Slope.....: $0.2999 \times 10^6 \text{ psi}^2/\text{cycle}$
Extrapolated Pressure.....: 1203.63 psi
Assumed Drainage Radius.....: 1500.00 ft
Well Bore Radius.....: 3.94 in

RESULTS:

Effective Permeability.....: 3.405472 md
Flow Capacity.....: 30.6492 md.ft
Transmissibility.....: 2220.9598 md.ft/cp
Skin Factor.....: 4.5843
Pressure Drop Across Skin.....: 963.7185 psi
Radius of Investigation.....: 11.5829 ft
Damage Ratio.....: 1.8604
Absolute Open Flow.....: 709.1945
Absolute Open Flow W/O Damage.: 1319.4045
Estimated Stabilized AOF.....: 322.8583

GAS RECOVERY

COMPANY: Berexco Inc. DATE: 7/29/96
 WELL NAME: JoLynn #1-22 KB Elev: 2950.00 ft TICKET #8998 DST #3
 WELL LOCATION: 22-30S-33W GR Elev: 2937.00 ft FORMATION: Chester
 INTERVAL Fr.: 5367.00 To 5400.00 T.D.: 5400.00 ft TEST TYPE: CONV.

GAS RECOVERY MEASURED WITH Merla

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	1.25	8	0	700000.0
15	1.25	11	0	847000.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	1.25	5.5	0	571000.0
10	1.25	9	0	754000.0
15	1.25	10	0	802000.0
20	1.25	9.5	0	777000.0
25	1.25	9	0	754000.0
30	1.25	8.5	0	729000.0
35	1.25	8	0	700000.0
40	1.25	8	0	700000.0
45	1.25	8	0	700000.0
50	1.25	8	0	700000.0
55	1.25	8	0	700000.0
60	1.25	8	0	700000.0

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 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 960398
Sample From: Jolynn C1-22 DST 3
Producer: Berexco, Inc.
Date:
Time:
Sampler:
Source:

Analyzed: 07/29/96
Pressure:
Temperature:
Location: 22-30-33
County: Haskell
State: Kansas
Formation: Chester

	Mole %	GPM
Helium	He: 0.426	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 10.831	0.000
Carbon Dioxide	CO2: 0.189	0.000
Methane	C1: 78.825	0.000
Ethane	C2: 5.694	1.523
Propane	C3: 2.596	0.715
Iso Butane	iC4: 0.298	0.097
Normal Butane	nC4: 0.602	0.190
Iso Pentane	iC5: 0.135	0.049
Normal Pentane	nC5: 0.161	0.058
Hexanes Plus	C6+: 0.243	0.106

TOTAL: 100.000 2.739
Z Fact: 0.9977
SP.GR.: 0.6783
BTU (SAT): 1002.8 @ 14.73 psia
BTU (DRY): 1020.5 @ 14.73 psia
OCTANE RATING: 111.9

COMMENTS:

0.038

TEST HISTORY

8998 DST #3 JoLynn #1-22 Berexco Inc.

Flag Points

Flag	Time (Min.)	Pressure (PSig)
A1	0.00	2684.95
B1	0.00	177.27
C1	13.00	183.65
D1	31.00	1452.54
E1	0.00	156.42
F1	57.00	137.65
G1	121.00	1178.83
Q1	0.00	2591.03

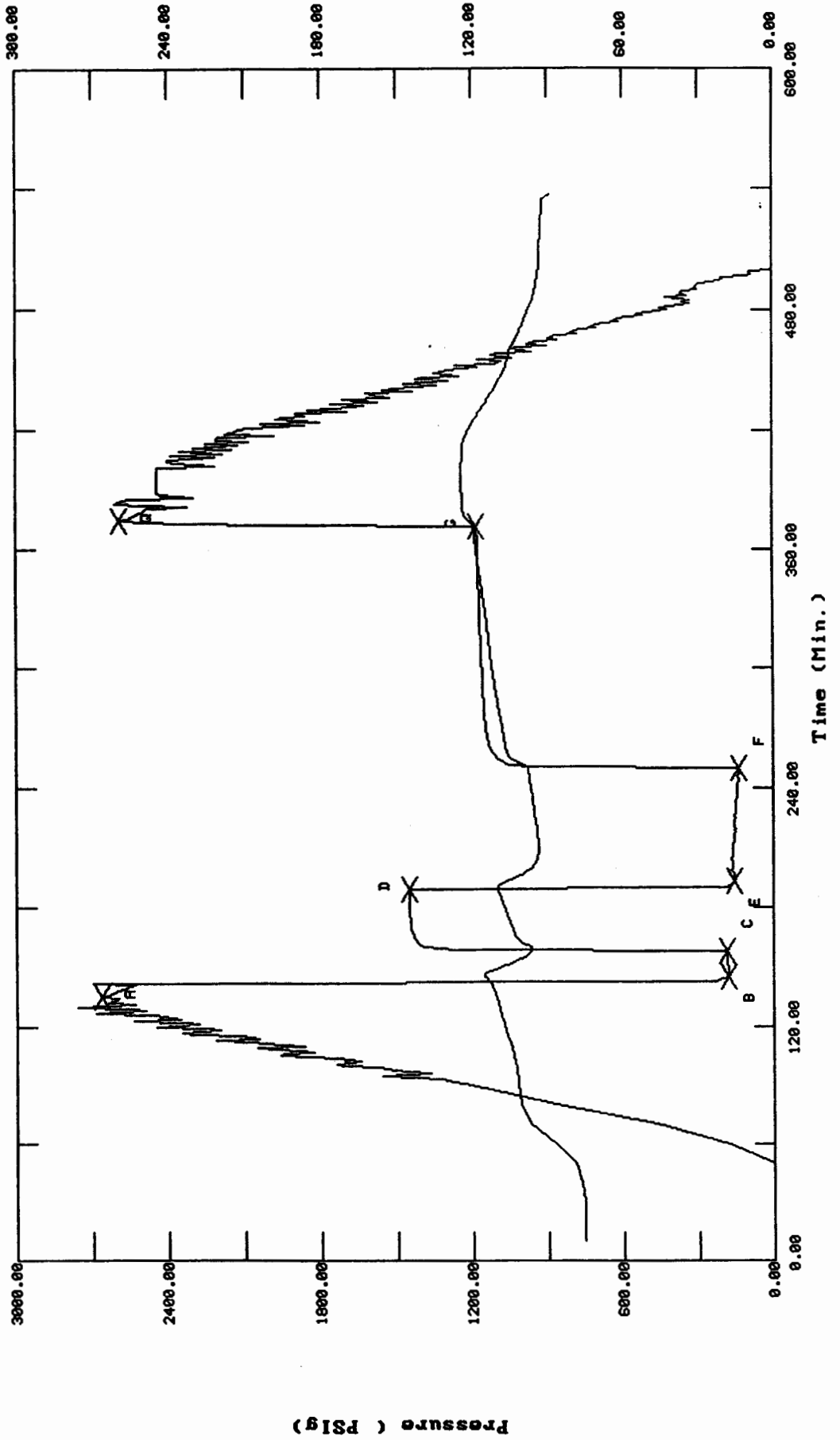
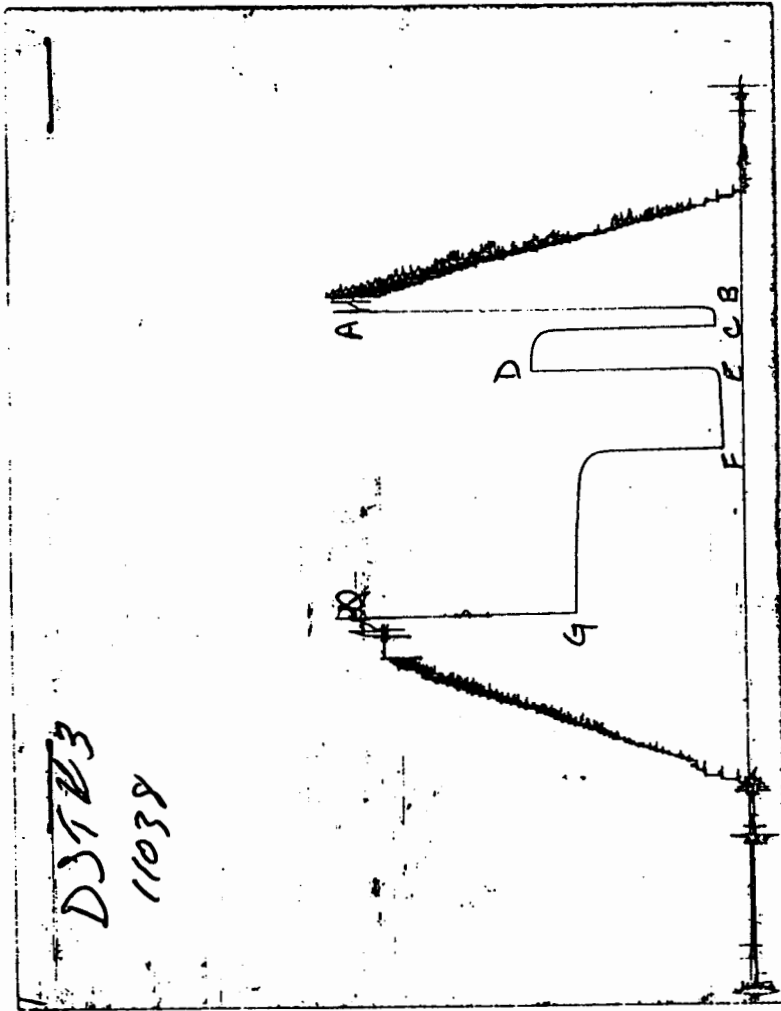


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8998 DST #3 JoLynn #1-22 Berexco Inc.

DATE: 07/29/96

TIME: 00:09:22

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	135.00	2664.9	0.0	110.50		
***** Start Flow 1	0.00	177.3	0.0	115.05		
	1.00	177.4	0.1	115.16		
	2.00	176.7	-0.5	114.43		
	3.00	179.7	2.4	112.96		
	4.00	180.7	3.5	110.99		
	5.00	180.4	3.1	108.74		
	6.00	181.9	4.6	106.44		
	7.00	182.0	4.7	104.28		
	8.00	184.0	6.8	102.35		
	9.00	182.1	4.8	100.67		
	10.00	184.5	7.2	99.26		
	11.00	181.7	4.4	98.08		
	12.00	185.7	8.5	97.12		
***** End Flow 1	13.00	183.7	6.4	96.32		
***** Start Shutin 1	0.00	183.7	0.0	96.32	0.0000	0.034
	1.00	1267.7	1084.1	95.81	14.0000	1.607
	2.00	1389.3	1205.6	96.68	7.5000	1.930
	3.00	1406.9	1223.2	98.41	5.3333	1.979
	4.00	1416.8	1233.2	99.98	4.2500	2.007
	5.00	1423.6	1240.0	101.14	3.6000	2.027
	6.00	1428.9	1245.3	101.97	3.1667	2.042
	7.00	1433.1	1249.4	102.56	2.8571	2.054
	8.00	1436.4	1252.7	103.00	2.6250	2.063
	9.00	1439.0	1255.4	103.34	2.4444	2.071
	10.00	1441.1	1257.5	103.66	2.3000	2.077
	11.00	1442.8	1259.2	103.94	2.1818	2.082
	12.00	1444.3	1260.7	104.21	2.0833	2.086
	13.00	1445.5	1261.8	104.49	2.0000	2.089
	14.00	1446.4	1262.8	104.78	1.9286	2.092
	15.00	1447.3	1263.6	105.06	1.8667	2.095
	16.00	1448.0	1264.3	105.36	1.8125	2.097
	17.00	1448.5	1264.8	105.67	1.7647	2.098
	18.00	1449.0	1265.3	105.99	1.7222	2.100
	19.00	1449.5	1265.8	106.30	1.6842	2.101
	20.00	1449.9	1266.2	106.61	1.6500	2.102
	21.00	1450.2	1266.5	106.93	1.6190	2.103
	22.00	1450.5	1266.8	107.22	1.5909	2.104
	23.00	1450.8	1267.1	107.53	1.5652	2.105
	24.00	1451.0	1267.4	107.84	1.5417	2.106
	25.00	1451.3	1267.6	108.13	1.5200	2.106
	26.00	1451.5	1267.8	108.42	1.5000	2.107
	27.00	1451.7	1268.1	108.70	1.4815	2.108
	28.00	1451.9	1268.3	108.98	1.4643	2.108
	29.00	1452.2	1268.5	109.26	1.4483	2.109
	30.00	1452.4	1268.7	109.53	1.4333	2.109
***** End Shut-in 1	31.00	1452.5	1268.9	109.78	1.4194	2.110
***** Start Flow 2	0.00	156.4	0.0	106.52		
	1.00	157.0	0.6	104.61		
	2.00	154.4	-2.0	102.72		
	3.00	154.6	-1.8	100.98		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8998 DST #3 JoLynn #1-22 Berexco Inc.

DATE: 07/29/96

TIME: 00:09:22

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
4.00	154.8	-1.6	99.44		
5.00	162.9	6.4	98.13		
6.00	157.9	1.4	97.04		
7.00	159.5	3.1	96.16		
8.00	162.4	6.0	95.46		
9.00	158.4	1.9	94.91		
10.00	161.3	4.8	94.50		
11.00	163.6	7.2	94.19		
12.00	162.5	6.1	93.96		
13.00	160.2	3.8	93.80		
14.00	158.8	2.4	93.69		
15.00	159.9	3.5	93.63		
16.00	157.3	0.9	93.59		
17.00	158.4	2.0	93.58		
18.00	160.1	3.7	93.58		
19.00	156.9	0.5	93.62		
20.00	156.0	-0.5	93.67		
21.00	155.1	-1.3	93.75		
22.00	155.7	-0.7	93.83		
23.00	153.3	-3.2	93.93		
24.00	151.4	-5.0	94.01		
25.00	148.9	-7.5	94.11		
26.00	151.8	-4.6	94.17		
27.00	150.6	-5.8	94.27		
28.00	151.3	-5.1	94.37		
29.00	153.5	-2.9	94.49		
30.00	151.4	-5.0	94.63		
31.00	151.3	-5.1	94.77		
32.00	149.0	-7.4	94.90		
33.00	151.0	-5.4	95.03		
34.00	147.6	-8.8	95.16		
35.00	150.4	-6.0	95.28		
36.00	146.9	-9.6	95.38		
37.00	147.8	-8.6	95.49		
38.00	146.0	-10.5	95.59		
39.00	146.0	-10.5	95.69		
40.00	145.7	-10.7	95.79		
41.00	145.1	-11.3	95.88		
42.00	144.7	-11.7	95.98		
43.00	142.7	-13.7	96.08		
44.00	144.0	-12.4	96.18		
45.00	143.1	-13.3	96.29		
46.00	141.5	-14.9	96.38		
47.00	143.3	-13.1	96.49		
48.00	139.7	-16.8	96.61		
49.00	139.3	-17.1	96.71		
50.00	138.5	-18.0	96.82		
51.00	137.4	-19.0	96.94		
52.00	137.1	-19.3	97.04		
53.00	139.6	-16.8	97.16		
54.00	138.0	-18.4	97.28		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8998 DST #3 JoLynn #1-22 Berexco Inc.

DATE: 07/29/96

TIME: 00:09:22

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	55.00	136.6	-19.8	97.40		
	56.00	137.5	-19.0	97.52		
***** End Flow 2	57.00	137.7	-18.8	97.66		
***** Start Shutin 2	0.00	137.7	0.0	97.66	0.0000	0.019
	1.00	958.9	821.2	97.93	71.0000	0.919
	2.00	1054.8	917.2	99.53	36.0000	1.113
	3.00	1074.4	936.8	101.64	24.3333	1.154
	4.00	1087.3	949.7	103.31	18.5000	1.182
	5.00	1097.1	959.4	104.46	15.0000	1.204
	6.00	1104.8	967.2	105.22	12.6667	1.221
	7.00	1111.2	973.5	105.73	11.0000	1.235
	8.00	1116.5	978.8	106.09	9.7500	1.247
	9.00	1120.9	983.3	106.34	8.7778	1.256
	10.00	1124.9	987.3	106.53	8.0000	1.265
	11.00	1128.2	990.5	106.69	7.3636	1.273
	12.00	1130.9	993.3	106.83	6.8333	1.279
	13.00	1133.3	995.7	106.95	6.3846	1.284
	14.00	1135.5	997.8	107.07	6.0000	1.289
	15.00	1137.3	999.7	107.19	5.6667	1.294
	16.00	1139.0	1001.3	107.31	5.3750	1.297
	17.00	1140.5	1002.8	107.43	5.1176	1.301
	18.00	1141.8	1004.1	107.56	4.8889	1.304
	19.00	1142.9	1005.3	107.69	4.6842	1.306
	20.00	1144.0	1006.4	107.82	4.5000	1.309
	21.00	1145.0	1007.4	107.96	4.3333	1.311
	22.00	1145.9	1008.3	108.10	4.1818	1.313
	23.00	1146.8	1009.1	108.26	4.0435	1.315
	24.00	1147.6	1009.9	108.40	3.9167	1.317
	25.00	1148.3	1010.6	108.54	3.8000	1.319
	26.00	1149.0	1011.4	108.69	3.6923	1.320
	27.00	1149.6	1012.0	108.83	3.5926	1.322
	28.00	1150.3	1012.7	108.98	3.5000	1.323
	29.00	1150.9	1013.2	109.13	3.4138	1.325
	30.00	1151.4	1013.8	109.27	3.3333	1.326
	31.00	1152.0	1014.4	109.41	3.2581	1.327
	32.00	1152.6	1014.9	109.56	3.1875	1.328
	33.00	1153.1	1015.4	109.70	3.1212	1.330
	34.00	1153.6	1015.9	109.85	3.0588	1.331
	35.00	1154.0	1016.4	109.98	3.0000	1.332
	36.00	1154.5	1016.9	110.13	2.9444	1.333
	37.00	1155.0	1017.3	110.26	2.8919	1.334
	38.00	1155.4	1017.8	110.40	2.8421	1.335
	39.00	1155.9	1018.2	110.53	2.7949	1.336
	40.00	1156.3	1018.6	110.67	2.7500	1.337
	41.00	1156.7	1019.1	110.80	2.7073	1.338
	42.00	1157.1	1019.5	110.93	2.6667	1.339
	43.00	1157.5	1019.9	111.06	2.6279	1.340
	44.00	1157.9	1020.2	111.19	2.5909	1.341
	45.00	1158.3	1020.6	111.30	2.5556	1.342
	46.00	1158.7	1021.0	111.43	2.5217	1.342
	47.00	1159.0	1021.4	111.55	2.4894	1.343

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8998 DST #3 JoLynn #1-22 Berexco Inc.

DATE: 07/29/96

TIME: 00:09:22

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
48.00	1159.4	1021.8	111.67	2.4583	1.344
49.00	1159.8	1022.1	111.79	2.4286	1.345
50.00	1160.1	1022.5	111.89	2.4000	1.346
51.00	1160.5	1022.8	112.01	2.3725	1.347
52.00	1160.8	1023.2	112.12	2.3462	1.347
53.00	1161.1	1023.5	112.23	2.3208	1.348
54.00	1161.5	1023.9	112.33	2.2963	1.349
55.00	1161.8	1024.2	112.44	2.2727	1.350
56.00	1162.1	1024.5	112.53	2.2500	1.350
57.00	1162.4	1024.8	112.63	2.2281	1.351
58.00	1162.7	1025.1	112.73	2.2069	1.352
59.00	1163.0	1025.4	112.81	2.1864	1.353
60.00	1163.3	1025.7	112.90	2.1667	1.353
61.00	1163.6	1026.0	112.99	2.1475	1.354
62.00	1164.9	1027.3	113.07	2.1290	1.357
63.00	1165.2	1027.6	113.17	2.1111	1.358
64.00	1165.5	1027.9	113.25	2.0938	1.359
65.00	1165.8	1028.2	113.34	2.0769	1.359
66.00	1166.1	1028.5	113.43	2.0606	1.360
67.00	1166.4	1028.7	113.51	2.0448	1.360
68.00	1166.7	1029.0	113.60	2.0294	1.361
69.00	1167.0	1029.3	113.67	2.0145	1.362
70.00	1167.2	1029.6	113.75	2.0000	1.362
71.00	1167.5	1029.9	113.83	1.9859	1.363
72.00	1167.8	1030.1	113.89	1.9722	1.364
73.00	1168.1	1030.4	113.97	1.9589	1.364
74.00	1168.3	1030.7	114.08	1.9459	1.365
75.00	1168.6	1030.9	114.17	1.9333	1.366
76.00	1168.8	1031.2	114.28	1.9211	1.366
77.00	1169.1	1031.4	114.39	1.9091	1.367
78.00	1169.4	1031.7	114.51	1.8974	1.367
79.00	1169.6	1032.0	114.62	1.8861	1.368
80.00	1169.9	1032.2	114.72	1.8750	1.369
81.00	1170.1	1032.5	114.84	1.8642	1.369
82.00	1170.4	1032.7	114.96	1.8537	1.370
83.00	1170.6	1033.0	115.07	1.8434	1.370
84.00	1170.9	1033.2	115.19	1.8333	1.371
85.00	1171.1	1033.4	115.30	1.8235	1.371
86.00	1171.4	1033.7	115.42	1.8140	1.372
87.00	1171.6	1033.9	115.53	1.8046	1.373
88.00	1171.8	1034.2	115.64	1.7955	1.373
89.00	1172.1	1034.4	115.76	1.7865	1.374
90.00	1172.3	1034.6	115.86	1.7778	1.374
91.00	1172.5	1034.9	115.99	1.7692	1.375
92.00	1172.7	1035.1	116.11	1.7609	1.375
93.00	1173.0	1035.3	116.23	1.7527	1.376
94.00	1173.2	1035.6	116.35	1.7447	1.376
95.00	1173.4	1035.8	116.47	1.7368	1.377
96.00	1173.7	1036.0	116.60	1.7292	1.378
97.00	1173.9	1036.2	116.72	1.7216	1.378
98.00	1174.1	1036.4	116.84	1.7143	1.379

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8998 DST #3 JoLynn #1-22 Berexco Inc.

TE: 07/29/96

TIME: 00:09:22

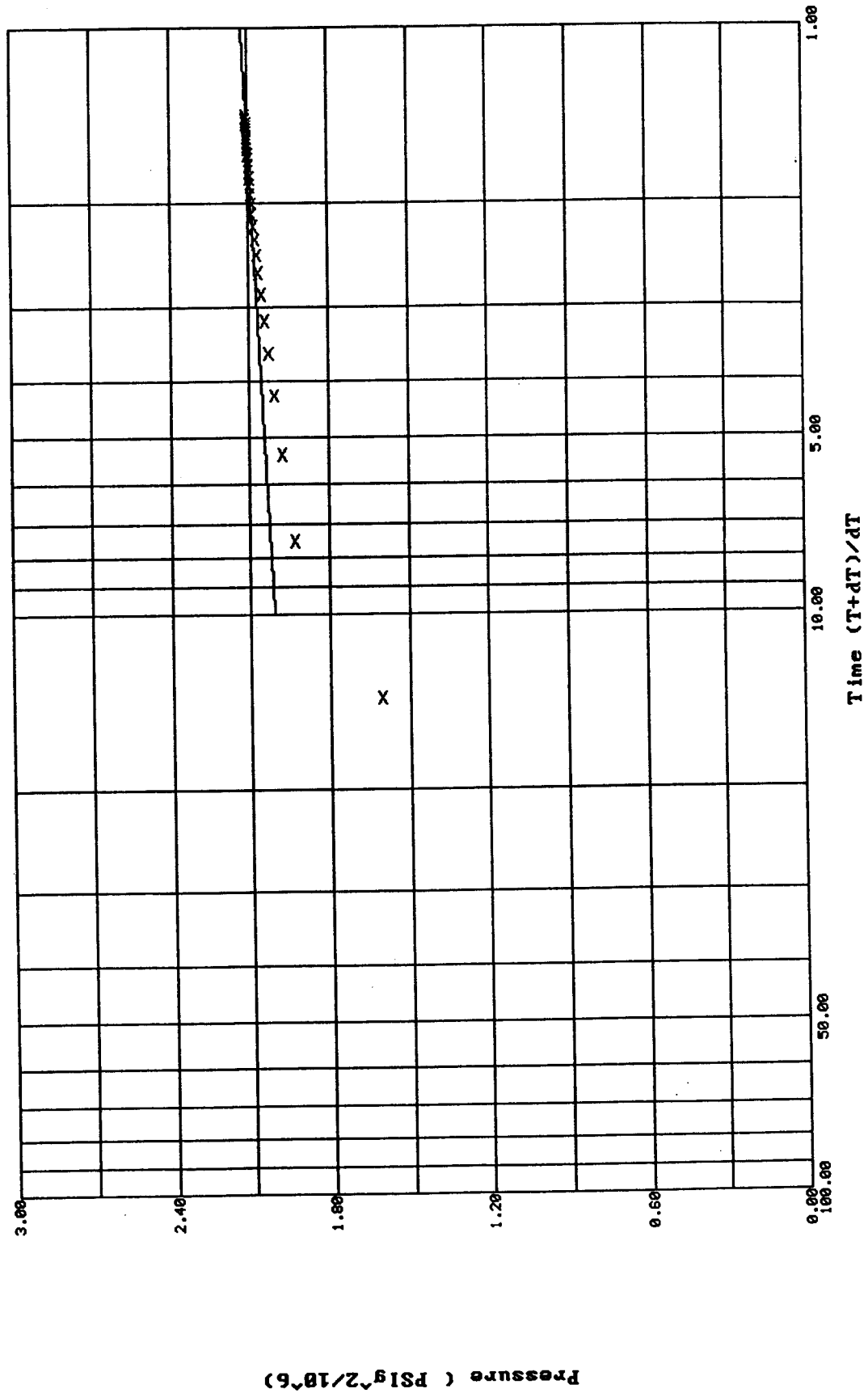
Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
99.00	1174.3	1036.7	116.96	1.7071	1.379
100.00	1174.5	1036.9	117.07	1.7000	1.380
101.00	1174.8	1037.1	117.18	1.6931	1.380
102.00	1175.0	1037.4	117.31	1.6863	1.381
103.00	1175.2	1037.5	117.42	1.6796	1.381
104.00	1175.4	1037.7	117.53	1.6731	1.382
105.00	1175.6	1037.9	117.63	1.6667	1.382
106.00	1175.8	1038.1	117.75	1.6604	1.382
107.00	1176.0	1038.4	117.86	1.6542	1.383
108.00	1176.2	1038.6	117.96	1.6481	1.384
109.00	1176.4	1038.8	118.06	1.6422	1.384
110.00	1176.6	1039.0	118.17	1.6364	1.384
111.00	1176.8	1039.2	118.27	1.6306	1.385
112.00	1177.0	1039.4	118.37	1.6250	1.385
113.00	1177.2	1039.6	118.47	1.6195	1.386
114.00	1177.4	1039.8	118.57	1.6140	1.386
115.00	1177.6	1040.0	118.67	1.6087	1.387
116.00	1177.8	1040.2	118.77	1.6034	1.387
117.00	1178.0	1040.4	118.87	1.5983	1.388
118.00	1178.2	1040.6	118.95	1.5932	1.388
119.00	1178.4	1040.8	119.05	1.5882	1.389
120.00	1178.6	1041.0	119.13	1.5833	1.389
121.00	1178.8	1041.2	119.22	1.5785	1.390
***** End Shut-in 2					
***** Final Hydro.	374.00	2591.0	0.0	121.02	

P² Horner Plot: shut-in #1

8998 DST #3 Jolynn #1-22 Berexco Inc.

Slope: 0.1212 $\text{PSig}^2/10^6/\text{cycle}$

Ext. Pressure: 1458.8711 PSig

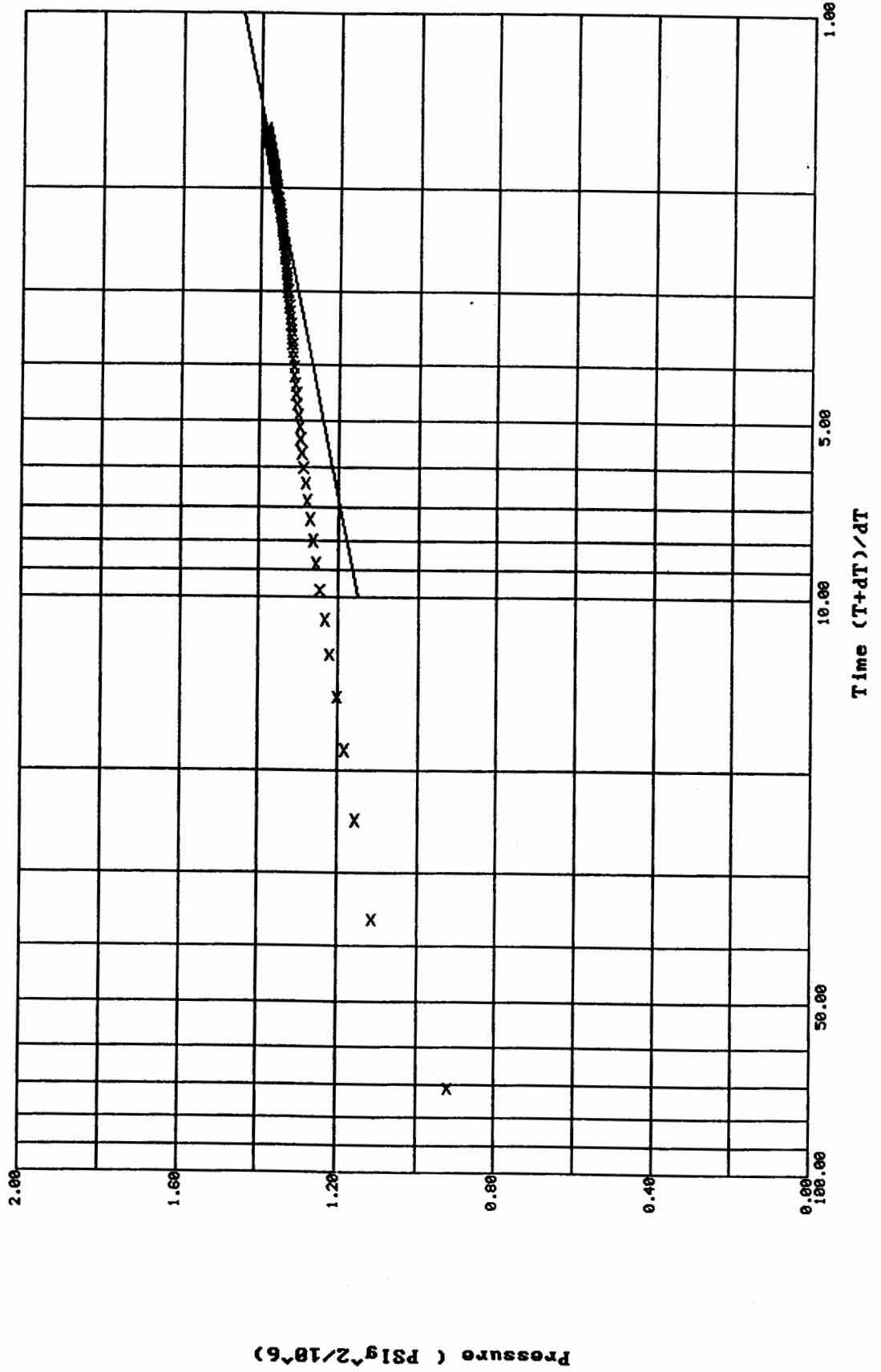


P² Horner Plot: shut-in #2

8998 DST #3 JoLynn #1-22 Berexco Inc.

Slope: 0.2999 PSig²/10⁶/cycle

Ext. Pressure: 1203.6338 PSig



*** TOOL DIAGRAM *** CONV.

WELL NAME: JoLynn #1-22

LOCATION : 22-30S-33W

TICKET No. 8998 D.S.T. No. 3 DATE 7/29/96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27 ft.

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 33 ft.

TOTAL TOOL 60 ft.

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands7 Single Total 639 ft.

D.P. ABOVE TOOLS.Stands50 Single 2 Total 4724 ft.

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5423 ft.

TOTAL DEPTH 5400 ft.

TOTAL DRILL PIPE ABOVE K.B. 23 ft.

REMARKS:

P.O. SUB	
C.O. SUB	5341
S.I. TOOL	5346
HMV Hyd. Tool	5351
JARS	5356
SAFETY JOINT	5358
PACKER	5362
PACKER	5367
DEPTH 5367	
STUBB Perf 3 ft.	5370
ANCHOR Pick up sub 5 ft.	5375
Alpine Rec. @	5376
Perf 5 ft.	5380
Perf 5 ft.	5385
T.C. DEPTH	
Perf 5 ft.	5390
Perf 5 ft.	5395
AK-1 Rec. @	5397
BULLNOSE	
T.D. Bull Plug 5 ft.	5400

GAS RECOVERY

COMPANY: Berexco Inc.

DATE: 7-30-96

L NAME: JoLynn #1-22

KB Elev: 2946.00 ft TICKET #8626 DST #4

WELL LOCATION: 22-30S-33W

GR Elev: 2936.00 ft FORMATION: Morrow

INTERVAL Fr.: 5210.00 To 5272.00 T.D.: 5619.00 ft TEST TYPE: CONV. STRADDLE

GAS RECOVERY MEASURED WITH Merla Data

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
20	0.25	0	28	8890.0
25	0.25	0	28	8890.0
30	0.25	0	30	9200.0
35	0.25	0	30	9200.0
40	0.25	0	30	9200.0
50	0.25	0	30	9200.0
60	0.25	0	28	8890.0
70	0.25	0	24	8220.0
80	0.25	0	26	8560.0
90	0.25	0	22	7880.0
100	0.25	0	20	7510.0
110	0.25	0	20	7510.0
120	0.25	0	22	7880.0

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 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number: 960411
Sample From: Jolynn C1-22 DST 4
Producer: Berexco, Inc.
Date:
Time:
Sampler:
Source:

Analyzed: 08/01/96
Pressure:
Temperature:
Location: 22-30-33
County: Haskell
State: Kansas
Formation: Morrow

	Mole %	GPM
Helium	He: 0.300	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 9.558	0.000
Carbon Dioxide	CO2: 0.000	0.000
Methane	C1: 72.126	0.000
Ethane	C2: 8.473	2.266
Propane	C3: 5.743	1.582
Iso Butane	iC4: 0.729	0.238
Normal Butane	nC4: 1.501	0.473
Iso Pentane	iC5: 0.356	0.130
Normal Pentane	nC5: 0.389	0.141
Hexanes Plus	C6+: 0.825	0.360

TOTAL: 100.000 5.191
Z Fact: 0.9968
SP.GR.: 0.7601
BTU (SAT): 1153.7 @ 14.73 psia
BTU (DRY): 1174.2 @ 14.73 psia
OCTANE RATING: 110.8

COMMENTS: No pressure in bottle, sample entered under vacuum 0.218

TEST HISTORY

8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

Flag Points

t (Min.) P (PSIG)

A:	0.00	2591.17
B:	0.00	116.26
C:	16.00	209.51
D:	28.00	680.27
E:	0.00	122.25
F:	117.00	234.18
G:	119.00	1353.28
Q:	0.00	2463.09

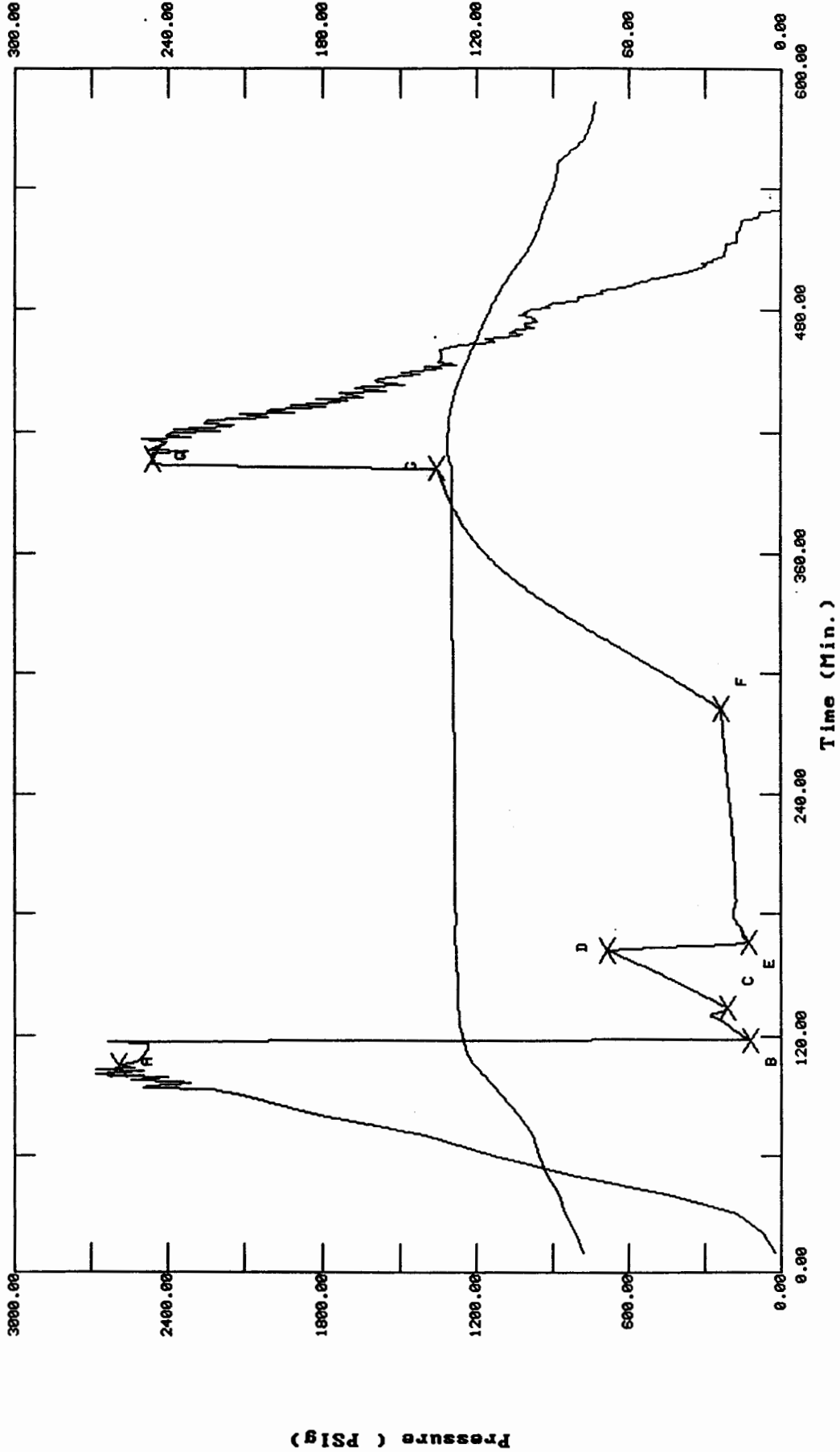
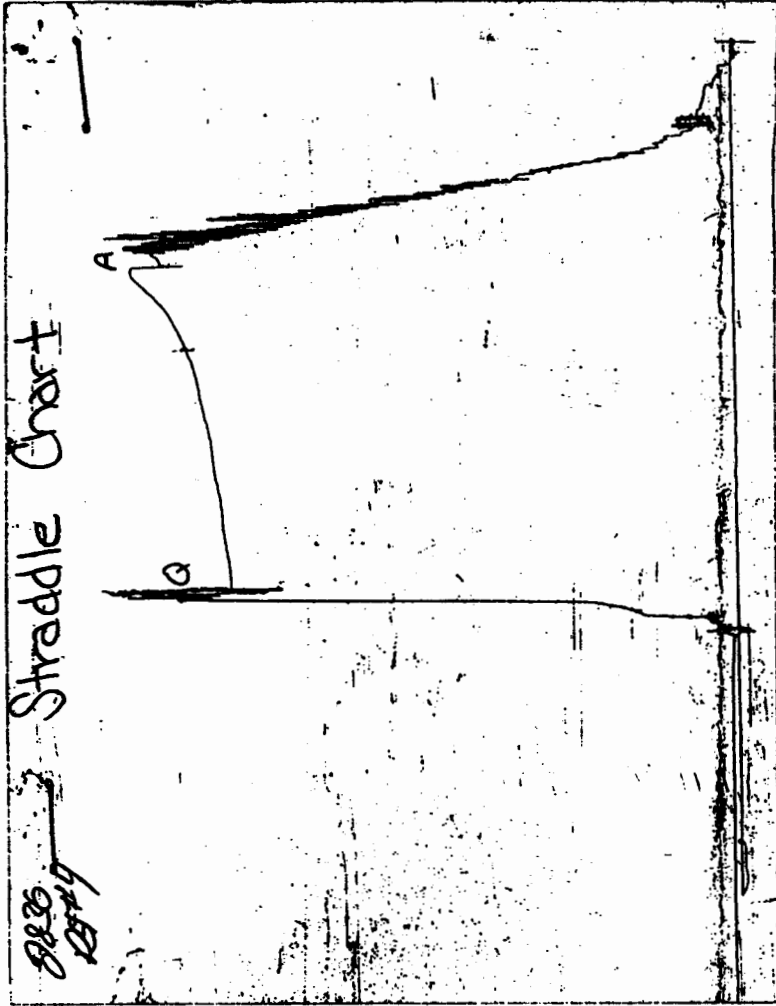


CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

DATE: 07/30/96 TIME: 23:18:08

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	105.00	2591.2	0.0	120.24		
***** Start Flow 1	0.00	116.3	0.0	124.94		
	1.00	132.2	15.9	125.07		
	2.00	147.8	31.5	125.28		
	3.00	158.6	42.3	125.52		
	4.00	174.3	58.1	125.76		
	5.00	184.6	68.4	125.96		
	6.00	192.7	76.4	126.13		
	7.00	199.1	82.9	126.27		
	8.00	213.2	96.9	126.38		
	9.00	222.6	106.3	126.47		
	10.00	242.0	125.7	126.55		
	11.00	249.5	133.2	126.64		
	12.00	271.3	155.1	126.70		
	13.00	269.0	152.8	126.75		
	14.00	234.0	117.7	126.83		
	15.00	217.2	100.9	126.93		
***** End Flow 1	16.00	209.5	93.2	127.00		
***** Start Shutin 1	0.00	209.5	0.0	127.00	0.0000	0.044
	1.00	225.8	16.3	127.07	17.0000	0.051
	2.00	241.8	32.3	127.10	9.0000	0.058
	3.00	257.6	48.0	127.13	6.3333	0.066
	4.00	273.2	63.7	127.17	5.0000	0.075
	5.00	288.9	79.4	127.20	4.2000	0.083
	6.00	304.8	95.3	127.21	3.6667	0.093
	7.00	320.7	111.2	127.22	3.2857	0.103
	8.00	336.7	127.2	127.24	3.0000	0.113
	9.00	352.9	143.4	127.25	2.7778	0.125
	10.00	369.1	159.6	127.27	2.6000	0.136
	11.00	385.4	175.9	127.28	2.4545	0.149
	12.00	401.8	192.3	127.31	2.3333	0.161
	13.00	418.3	208.8	127.33	2.2308	0.175
	14.00	434.9	225.4	127.35	2.1429	0.189
	15.00	451.6	242.1	127.37	2.0667	0.204
	16.00	468.5	259.0	127.39	2.0000	0.219
	17.00	485.5	276.0	127.41	1.9412	0.236
	18.00	502.7	293.2	127.44	1.8889	0.253
	19.00	520.0	310.5	127.47	1.8421	0.270
	20.00	537.4	327.8	127.49	1.8000	0.289
	21.00	554.9	345.4	127.52	1.7619	0.308
	22.00	572.5	363.0	127.56	1.7273	0.328
	23.00	590.3	380.8	127.59	1.6957	0.348
	24.00	608.1	398.6	127.61	1.6667	0.370
	25.00	626.1	416.5	127.64	1.6400	0.392
	26.00	644.1	434.6	127.68	1.6154	0.415
	27.00	662.2	452.7	127.71	1.5926	0.438
***** End Shut-in 1	28.00	680.3	470.8	127.76	1.5714	0.463
***** Start Flow 2	0.00	122.3	0.0	128.33		
	1.00	132.5	10.2	128.43		
	2.00	144.1	21.9	128.43		
	3.00	147.6	25.4	128.37		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

DATE: 07/30/96

TIME: 23:18:08

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
4.00	146.1	23.8	128.29		
5.00	149.3	27.1	128.20		
6.00	147.5	25.3	128.15		
7.00	154.1	31.9	128.08		
8.00	162.1	39.9	128.04		
9.00	170.3	48.0	128.01		
10.00	172.7	50.4	128.00		
11.00	177.2	55.0	128.00		
12.00	182.0	59.8	128.00		
13.00	184.0	61.7	128.01		
14.00	184.4	62.2	128.03		
15.00	183.9	61.7	128.05		
16.00	181.9	59.6	128.06		
17.00	179.4	57.2	128.09		
18.00	176.8	54.6	128.10		
19.00	175.7	53.4	128.12		
20.00	174.6	52.3	128.13		
21.00	174.4	52.2	128.14		
22.00	175.2	52.9	128.16		
23.00	175.6	53.4	128.17		
24.00	176.6	54.4	128.18		
25.00	177.5	55.3	128.20		
26.00	177.2	55.0	128.20		
27.00	177.3	55.0	128.21		
28.00	176.5	54.3	128.23		
29.00	176.3	54.1	128.23		
30.00	176.1	53.9	128.24		
31.00	176.7	54.4	128.25		
32.00	177.2	55.0	128.26		
33.00	177.6	55.3	128.27		
34.00	177.8	55.6	128.27		
35.00	178.0	55.8	128.28		
36.00	178.2	55.9	128.28		
37.00	179.2	57.0	128.29		
38.00	180.0	57.8	128.30		
39.00	180.2	58.0	128.31		
40.00	180.7	58.4	128.30		
41.00	181.4	59.2	128.31		
42.00	181.6	59.4	128.32		
43.00	181.8	59.5	128.32		
44.00	182.2	59.9	128.31		
45.00	182.3	60.0	128.32		
46.00	182.8	60.6	128.32		
47.00	183.2	61.0	128.33		
48.00	183.7	61.5	128.33		
49.00	184.2	61.9	128.33		
50.00	184.4	62.2	128.33		
51.00	185.0	62.7	128.32		
52.00	185.3	63.1	128.35		
53.00	186.4	64.1	128.35		
54.00	187.3	65.0	128.34		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

DATE: 07/30/96

TIME: 23:18:08

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
55.00	187.8	65.6	128.34		
56.00	188.5	66.2	128.35		
57.00	189.4	67.2	128.35		
58.00	190.1	67.8	128.36		
59.00	190.8	68.5	128.37		
60.00	191.4	69.1	128.37		
61.00	192.0	69.7	128.37		
62.00	192.8	70.5	128.37		
63.00	193.3	71.0	128.36		
64.00	193.8	71.6	128.37		
65.00	194.5	72.3	128.38		
66.00	195.3	73.1	128.37		
67.00	196.0	73.7	128.38		
68.00	196.4	74.1	128.38		
69.00	197.2	74.9	128.39		
70.00	198.1	75.8	128.40		
71.00	199.0	76.7	128.40		
72.00	199.6	77.3	128.40		
73.00	200.4	78.2	128.41		
74.00	201.6	79.3	128.41		
75.00	202.5	80.2	128.41		
76.00	203.2	81.0	128.41		
77.00	204.3	82.1	128.41		
78.00	205.6	83.4	128.42		
79.00	206.8	84.5	128.42		
80.00	207.4	85.2	128.43		
81.00	208.1	85.9	128.43		
82.00	208.8	86.6	128.44		
83.00	209.6	87.3	128.45		
84.00	210.1	87.9	128.44		
85.00	210.7	88.4	128.46		
86.00	211.0	88.8	128.46		
87.00	211.7	89.4	128.45		
88.00	212.3	90.1	128.46		
89.00	212.8	90.5	128.47		
90.00	213.5	91.3	128.46		
91.00	214.1	91.8	128.47		
92.00	214.7	92.4	128.47		
93.00	215.3	93.1	128.48		
94.00	216.2	93.9	128.49		
95.00	217.1	94.8	128.49		
96.00	217.9	95.7	128.49		
97.00	218.6	96.4	128.49		
98.00	219.6	97.4	128.49		
99.00	220.7	98.5	128.50		
100.00	221.5	99.2	128.51		
101.00	222.0	99.7	128.52		
102.00	222.3	100.1	128.52		
103.00	223.0	100.7	128.55		
104.00	224.1	101.8	128.59		
105.00	224.9	102.6	128.62		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

DATE: 07/30/96

TIME: 23:18:08

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	106.00	225.5	103.2	128.66		
	107.00	225.9	103.7	128.68		
	108.00	226.6	104.3	128.69		
	109.00	227.4	105.2	128.72		
	110.00	228.2	106.0	128.75		
	111.00	228.7	106.4	128.76		
	112.00	229.0	106.8	128.78		
	113.00	229.8	107.5	128.79		
	114.00	230.6	108.3	128.80		
	115.00	231.2	108.9	128.81		
	116.00	231.8	109.5	128.82		
***** End Flow 2	117.00	234.2	111.9	128.82		
***** Start Shutin 2	0.00	234.2	0.0	128.82	0.0000	0.055
	1.00	247.7	13.6	128.84	134.0000	0.061
	2.00	260.6	26.4	128.85	67.5000	0.068
	3.00	273.4	39.3	128.86	45.3333	0.075
	4.00	286.3	52.1	128.88	34.2500	0.082
	5.00	299.3	65.1	128.91	27.6000	0.090
	6.00	312.3	78.1	128.91	23.1667	0.098
	7.00	325.3	91.1	128.94	20.0000	0.106
	8.00	338.4	104.2	128.94	17.6250	0.115
	9.00	351.5	117.3	128.96	15.7778	0.124
	10.00	364.7	130.5	128.99	14.3000	0.133
	11.00	377.9	143.8	129.00	13.0909	0.143
	12.00	391.3	157.1	129.02	12.0833	0.153
	13.00	404.6	170.4	129.04	11.2308	0.164
	14.00	418.0	183.8	129.06	10.5000	0.175
	15.00	431.3	197.1	129.06	9.8667	0.186
	16.00	444.9	210.7	129.08	9.3125	0.198
	17.00	458.4	224.3	129.09	8.8235	0.210
	18.00	472.0	237.8	129.10	8.3889	0.223
	19.00	485.6	251.4	129.11	8.0000	0.236
	20.00	499.2	265.0	129.12	7.6500	0.249
	21.00	512.9	278.7	129.13	7.3333	0.263
	22.00	526.6	292.4	129.14	7.0455	0.277
	23.00	540.3	306.1	129.15	6.7826	0.292
	24.00	554.0	319.8	129.16	6.5417	0.307
	25.00	567.8	333.6	129.18	6.3200	0.322
	26.00	581.6	347.4	129.18	6.1154	0.338
	27.00	595.3	361.1	129.19	5.9259	0.354
	28.00	609.1	374.9	129.20	5.7500	0.371
	29.00	622.8	388.6	129.20	5.5862	0.388
	30.00	636.5	402.3	129.21	5.4333	0.405
	31.00	650.2	416.0	129.21	5.2903	0.423
	32.00	663.8	429.6	129.23	5.1562	0.441
	33.00	677.5	443.3	129.23	5.0303	0.459
	34.00	691.2	457.0	129.24	4.9118	0.478
	35.00	704.7	470.5	129.25	4.8000	0.497
	36.00	718.3	484.1	129.26	4.6944	0.516
	37.00	731.8	497.6	129.27	4.5946	0.536
	38.00	745.3	511.1	129.27	4.5000	0.555

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

DATE: 07/30/96

TIME: 23:18:08

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
39.00	758.7	524.5	129.27	4.4103	0.576
40.00	771.9	537.8	129.28	4.3250	0.596
41.00	785.2	551.0	129.30	4.2439	0.617
42.00	798.4	564.2	129.30	4.1667	0.637
43.00	811.4	577.2	129.32	4.0930	0.658
44.00	824.3	590.2	129.31	4.0227	0.680
45.00	837.2	603.0	129.32	3.9556	0.701
46.00	849.9	615.7	129.33	3.8913	0.722
47.00	862.5	628.3	129.33	3.8298	0.744
48.00	875.0	640.8	129.34	3.7708	0.766
49.00	887.4	653.2	129.34	3.7143	0.787
50.00	899.6	665.4	129.36	3.6600	0.809
51.00	911.7	677.5	129.36	3.6078	0.831
52.00	923.7	689.5	129.37	3.5577	0.853
53.00	935.5	701.3	129.37	3.5094	0.875
54.00	947.1	712.9	129.39	3.4630	0.897
55.00	958.6	724.4	129.39	3.4182	0.919
56.00	969.9	735.7	129.40	3.3750	0.941
57.00	981.1	746.9	129.41	3.3333	0.963
58.00	992.1	757.9	129.41	3.2931	0.984
59.00	1002.9	768.7	129.42	3.2542	1.006
60.00	1013.5	779.4	129.42	3.2167	1.027
61.00	1024.0	789.8	129.43	3.1803	1.049
62.00	1034.3	800.1	129.43	3.1452	1.070
63.00	1044.4	810.3	129.44	3.1111	1.091
64.00	1054.4	820.2	129.45	3.0781	1.112
65.00	1064.2	830.0	129.45	3.0462	1.132
66.00	1073.7	839.5	129.46	3.0152	1.153
67.00	1083.0	848.9	129.47	2.9851	1.173
68.00	1092.2	858.0	129.47	2.9559	1.193
69.00	1101.1	867.0	129.47	2.9275	1.213
70.00	1109.9	875.7	129.48	2.9000	1.232
71.00	1118.5	884.3	129.49	2.8732	1.251
72.00	1126.9	892.7	129.50	2.8472	1.270
73.00	1135.0	900.9	129.49	2.8219	1.288
74.00	1143.0	908.9	129.51	2.7973	1.307
75.00	1150.8	916.6	129.52	2.7733	1.324
76.00	1158.5	924.3	129.52	2.7500	1.342
77.00	1165.9	931.7	129.53	2.7273	1.359
78.00	1173.2	939.0	129.53	2.7051	1.376
79.00	1180.2	946.0	129.54	2.6835	1.393
80.00	1187.1	952.9	129.54	2.6625	1.409
81.00	1193.7	959.5	129.54	2.6420	1.425
82.00	1200.2	966.0	129.55	2.6220	1.441
83.00	1206.5	972.4	129.55	2.6024	1.456
84.00	1212.7	978.6	129.56	2.5833	1.471
85.00	1218.7	984.5	129.56	2.5647	1.485
86.00	1224.6	990.4	129.57	2.5465	1.500
87.00	1230.3	996.1	129.57	2.5287	1.514
88.00	1235.8	1001.6	129.57	2.5114	1.527
89.00	1241.3	1007.1	129.59	2.4944	1.541

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

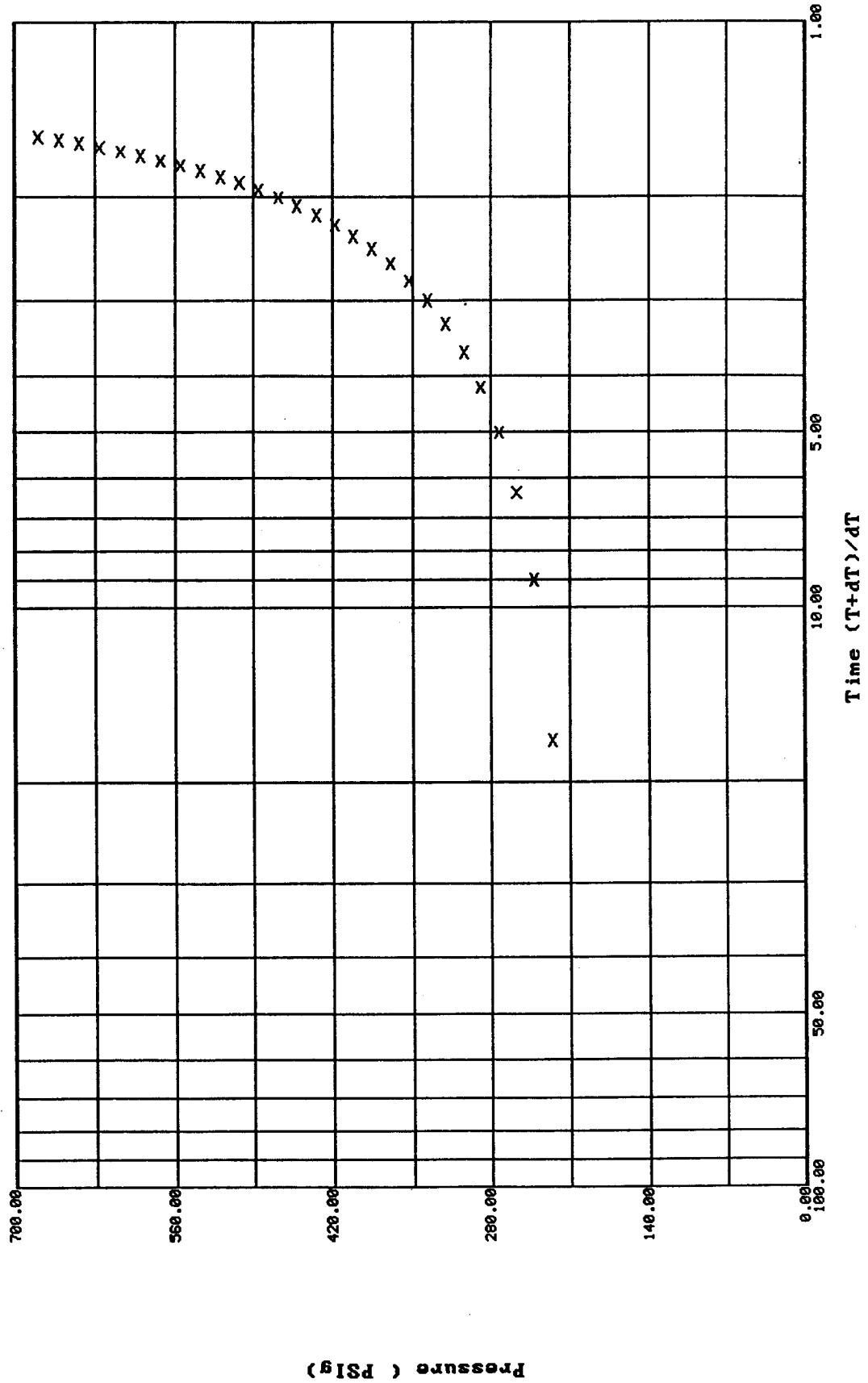
DATE: 07/30/96

TIME: 23:18:08

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
90.00	1246.6	1012.4	129.59	2.4778	1.554
91.00	1251.7	1017.6	129.60	2.4615	1.567
92.00	1256.8	1022.6	129.60	2.4457	1.579
93.00	1261.7	1027.5	129.60	2.4301	1.592
94.00	1266.4	1032.2	129.61	2.4149	1.604
95.00	1271.0	1036.9	129.61	2.4000	1.616
96.00	1275.5	1041.4	129.62	2.3854	1.627
97.00	1279.9	1045.8	129.61	2.3711	1.638
98.00	1284.3	1050.1	129.63	2.3571	1.649
99.00	1288.4	1054.3	129.63	2.3434	1.660
100.00	1292.5	1058.3	129.64	2.3300	1.671
101.00	1296.5	1062.3	129.65	2.3168	1.681
102.00	1300.4	1066.2	129.64	2.3039	1.691
103.00	1304.2	1070.0	129.65	2.2913	1.701
104.00	1307.8	1073.6	129.65	2.2788	1.710
105.00	1311.4	1077.2	129.64	2.2667	1.720
106.00	1314.9	1080.7	129.66	2.2547	1.729
107.00	1318.3	1084.1	129.66	2.2430	1.738
108.00	1321.7	1087.5	129.67	2.2315	1.747
109.00	1324.9	1090.7	129.67	2.2202	1.755
110.00	1328.1	1093.9	129.68	2.2091	1.764
111.00	1331.2	1097.0	129.67	2.1982	1.772
112.00	1334.1	1099.9	129.68	2.1875	1.780
113.00	1337.0	1102.8	129.68	2.1770	1.788
114.00	1339.9	1105.7	129.69	2.1667	1.795
115.00	1342.7	1108.5	129.69	2.1565	1.803
116.00	1345.4	1111.3	129.70	2.1466	1.810
117.00	1348.1	1113.9	129.70	2.1368	1.817
118.00	1350.7	1116.5	129.70	2.1271	1.824
119.00	1353.3	1119.1	129.71	2.1176	1.831
***** End Shut-in 2					
***** Final Hydro.	406.00	2463.1	0.0	130.56	

Horner Plot: shut-in #1

8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

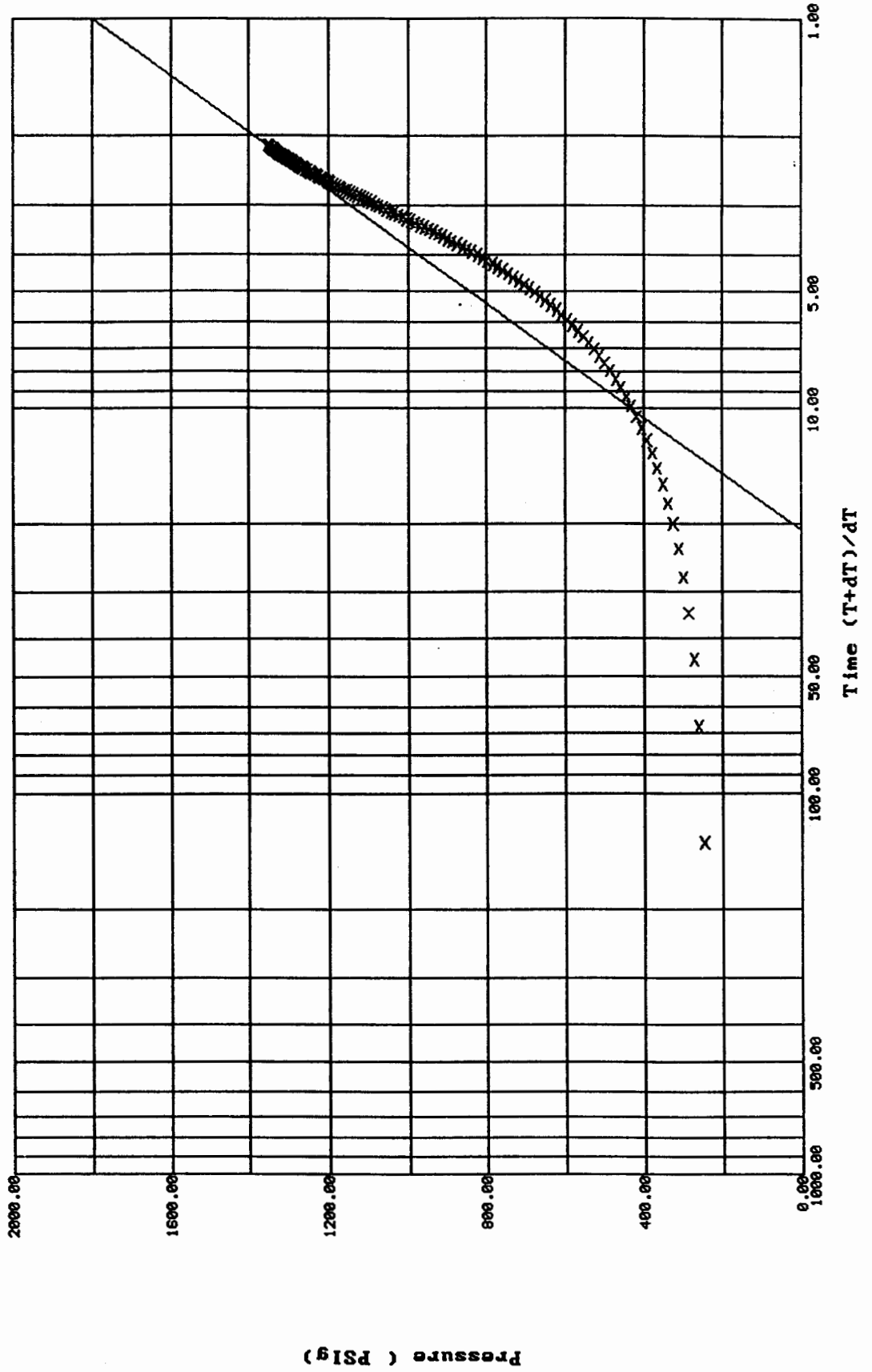


Horner Plot: shut-in #2

8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

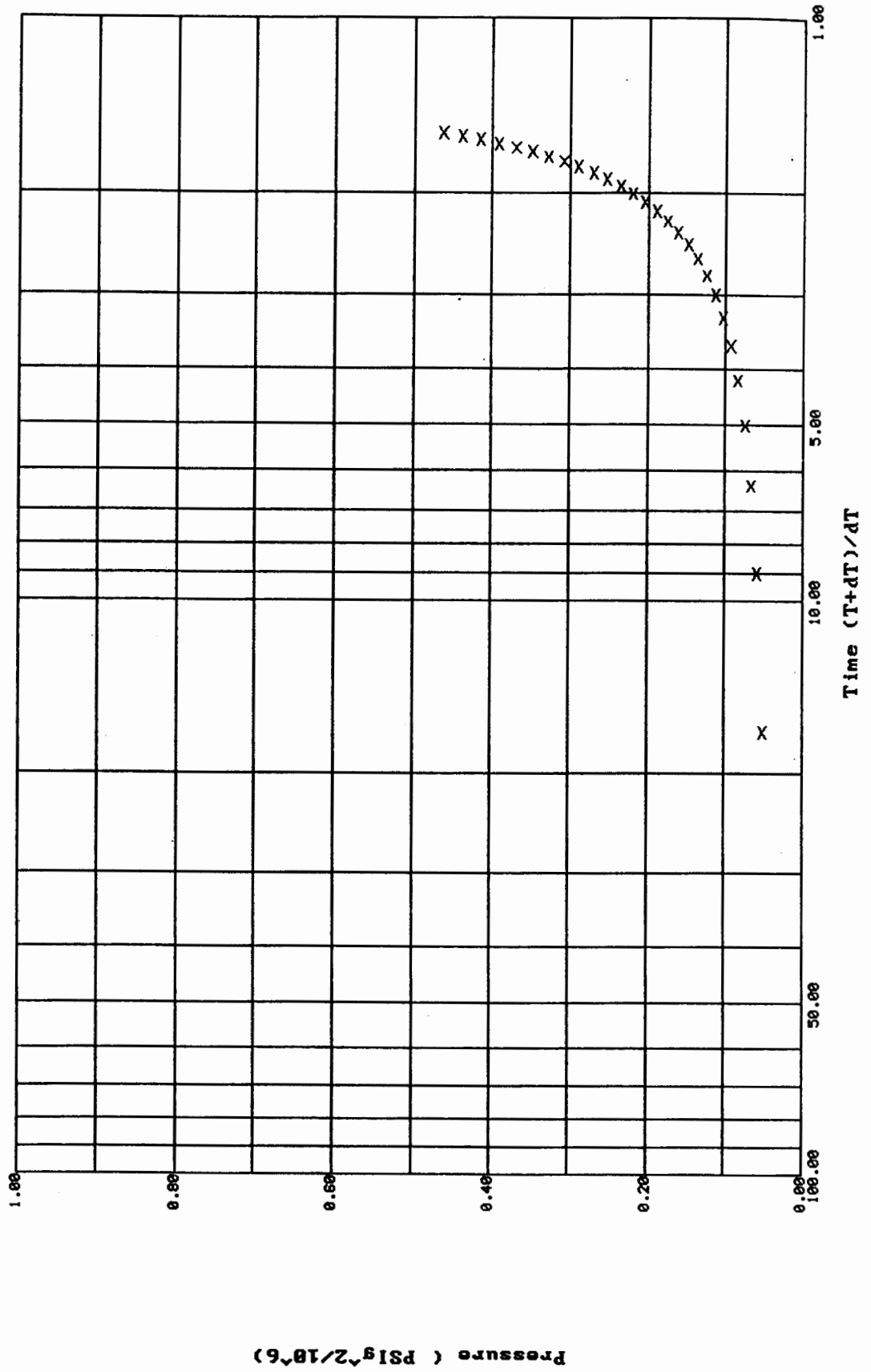
Slope: 1370.5669 PSig/cycle

Ext. Pressure: 1800.0254 PSig



P² Horner Plot: shut-in #1

8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

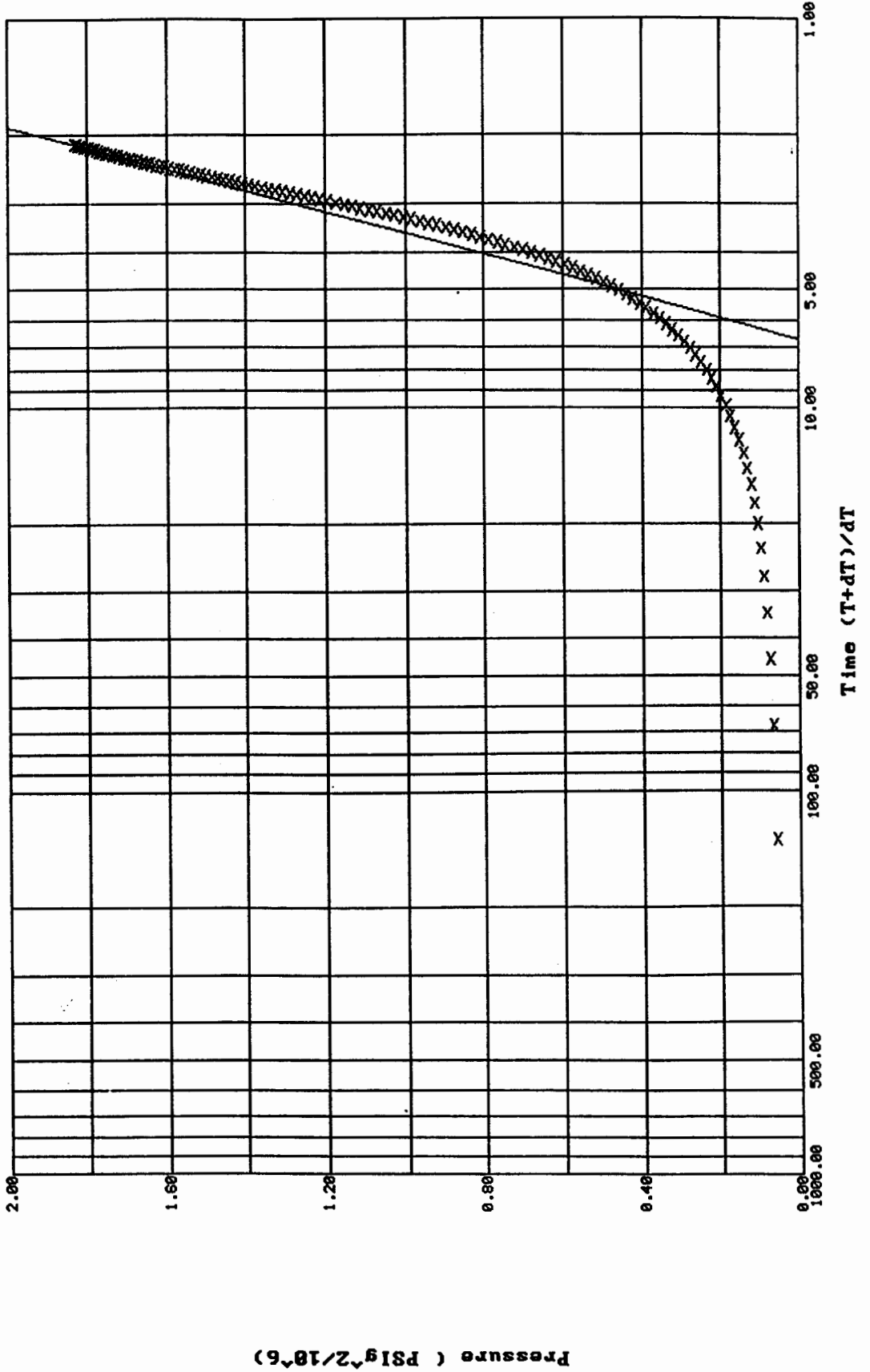


P² Horner Plot: shut-in #2

8628 DST#4 Jo Lynn #1-22 Brexeco Inc.

Slope: 3.6789 $\text{PSig}^2/10^6/\text{cycle}$

Ext. Pressure: 1740.8273 PSig



*** TOOL DIAGRAM *** CONV. STRADDLE

WELL NAME: JoLynn #1-22

LOCATION : 22-30S-33W Haskell Cty KS

TICKET No. 8626 D.S.T. No. 4 DATE 7-30-96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL 31

BOTTOM PACKERS AND ANCHOR 347

TOTAL TOOL 405

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.	Stands	Single	Total
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D.P. ANCHOR STND.	Stands	Single	Total	31
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TOTAL ASSEMBLY 436

D.C. ABOVE TOOLS.	Stands	3	Single	1	Total	303
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D.P. ABOVE TOOLS.	Stands	45	Single	2	Total	4909
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TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5648

TOTAL DEPTH 5619

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:

P.O. SUB 1ft	5183
C.O. SUB	
S.I. TOOL 5ft	5189
HMV 5ft	5194
JARS 5ft	5199
SAFETY JOINT 2ft	5201
PACKER 5ft	5205
PACKER 5ft	5210
DEPTH	
STUBB 1ft	5211
ANCHOR	
1ft C\O sub	5212
31ft Drlg Pipe	5243
1ft C\O sub	5244
Alpine Rec.	5245
24ft perf	5268
AK-1 Rec.	5269
T.C.	
DEPTH	
1ft Blank off sub	5269
PACKER 5ft Straddle	5272
5ft perf	5279
1ft C\O sub	5280
334ft Drlg Collars	5612
1ft double pin	5613
1ft Hanger sub	5614
1ft perf	5615
AK-1 recorder	5616
BULLNOSE 3ft bull plug	
T.D.	5619