

WELL NAME: Super Supreme Pizza #1-21
COMPANY: Cabot Oil & Gas
LOCATION: 21-32S-23W
Seward County Kansas
DATE: 07/17/96

TRILOBITE TESTING L.L.C.

OPERATOR : Cabot Oil & Gas DATE 7/17/96
 WELL NAME: Super Supreme Pizza #1-21 KB 2761.00 ft TICKET NO: 8995 DST #1
 LOCATION : 21-32S-23W, Seward Cty KS GR 2747.00 ft FORMATION: St. Louis
 INTERVAL : 5873.00 To 5900.00 ft TD 6006.00 ft TEST TYPE: CONV./STRADDLE

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	5495	5495	3024	11038		PF Fr. 2140 to 2155 hr
SI 30	Range(Psi)	4200.0	4200.0	4995.0	5075.0	0.0	IS Fr. 2155 to 2225 hr
SF 60	Clock(hrs)	12 hr	12 hr	Alpin	12 hr		SF Fr. 2225 to 2325 hr
FS 120	Depth(ft)	5893.0	5893.0	5882.0	6003.0	0.0	FS Fr. 2325 to 0125 hr

	Field	1	2	3	4	
A. Init Hydro	2971.0	2946.0	2962.0	2966.0	0.0	T STARTED 1830 hr
B. First Flow	299.0	275.0	236.0	0.0	0.0	T ON BOTM 2138 hr
B1. Final Flow	579.0	573.0	595.0	0.0	0.0	T OPEN 2140 hr
C. In Shut-in	1816.0	1813.0	1813.0	0.0	0.0	T PULLED 0125 hr
D. Init Flow	717.0	700.0	650.0	0.0	0.0	T OUT 0600 hr
E. Final Flow	1457.0	1451.0	1467.0	0.0	0.0	
F. Fl Shut-in	1827.0	1827.0	1817.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2866.0	2827.0	2724.0	2812.0	0.0	Tool Wt. 3000.00 lbs
Inside/Outside	0	0	I	0		Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 170000.00 lbs
						Initial Str Wt 90000.00 lbs
						Unseated Str Wt 105000.00 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 424.00 ft
						D.P. Length 5434.00 ft

RECOVERY

Tot Fluid 3025.00 ft of 424.00 ft in DC and 2601.00 ft in DP
 3025.00 ft of Slightly gas cut salt water

SALINITY 105000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
 Fair blow, bottom of bucket in 3 min

Initial Shutin -
 Bled off blow, no blow back

Final Flow -
 Fair blow, bottom of bucket in 4 min

Final Shutin -
 No blow back

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/cf
Vis.	62.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop Y	10.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	136.00 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.	CARL COWAN
Contr.	Allen Drlg.
Rig #	5
Unit #	
Pump T.	

SAMPLES:
 SENT TO:

Test Successful: Y

TEST HISTORY

8995 DST #1 Super Supreme Pizza Cabot Oil & Gas

Flag Points

t (Min.) P (PSig)

A:	0.00	2962.41
B:	0.00	236.19
C:	15.00	595.49
D:	30.00	1812.59
E:	0.00	649.89
F:	58.00	1467.36
G:	119.00	1817.20
Q:	0.00	2723.69

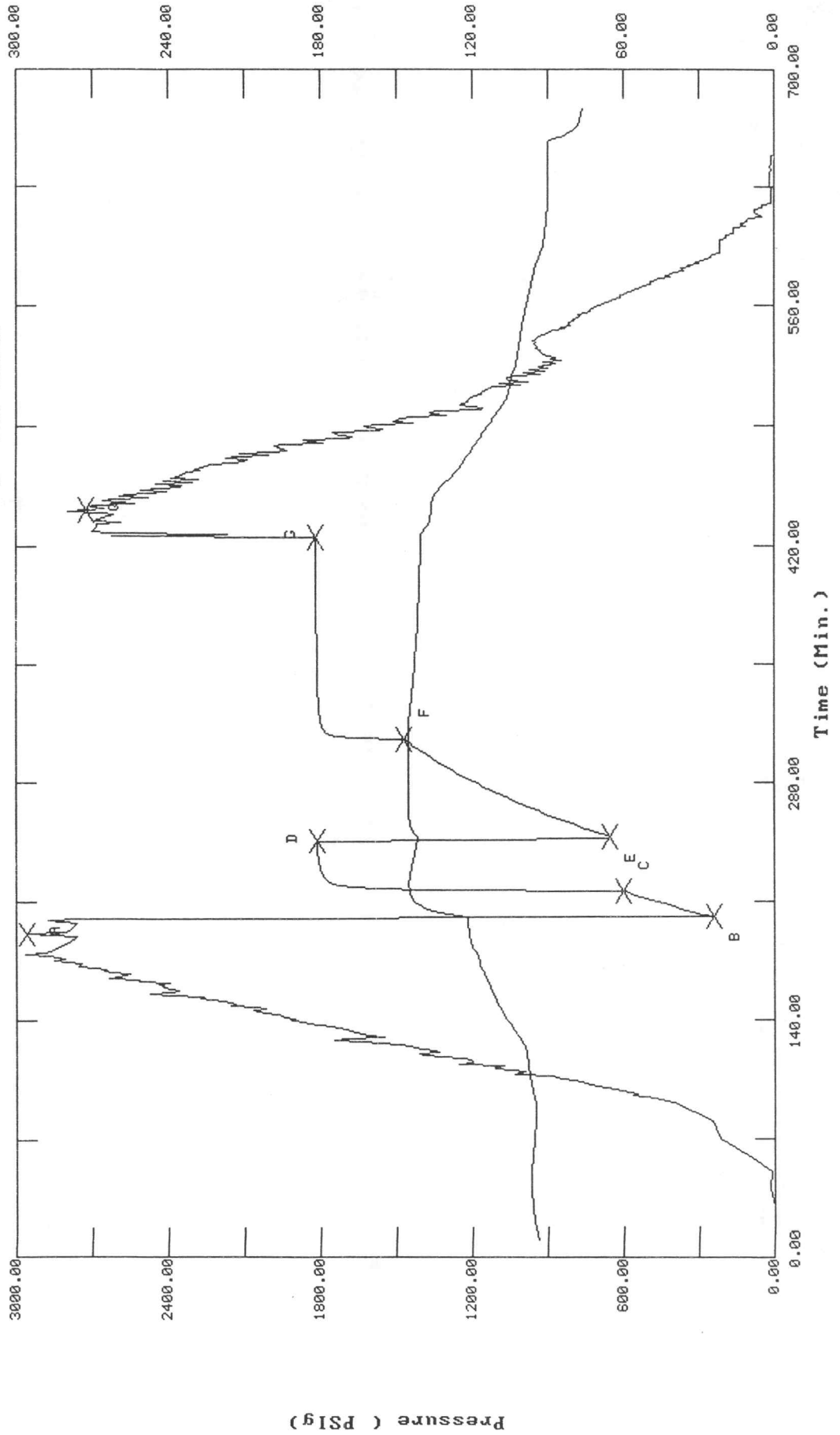
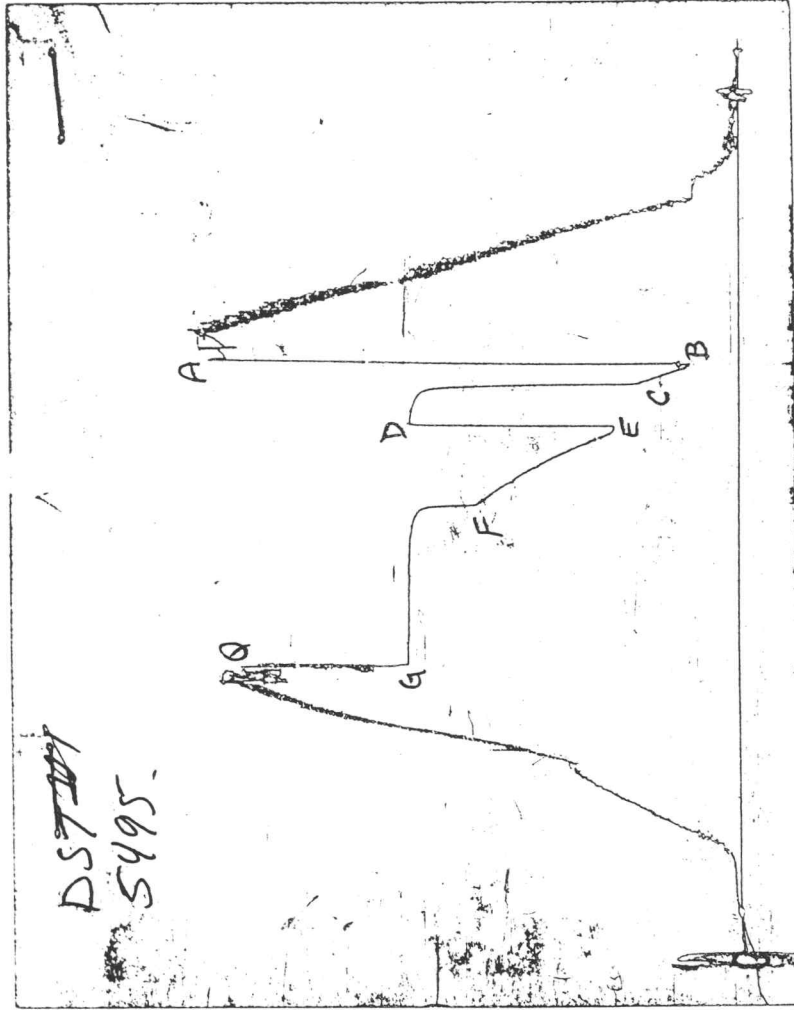
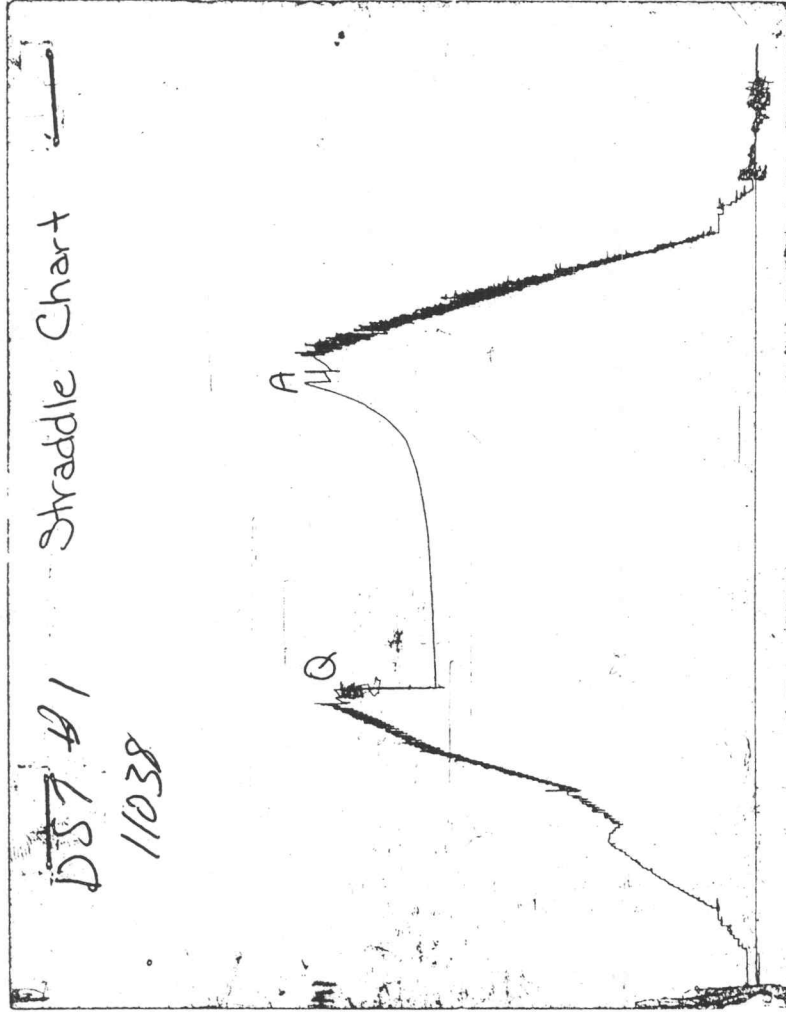


CHART PAGE



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

CHART PAGE



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

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8995 DST #1 Super Supreme Pizza Cabot Oil & Gas

DATE: 07/17/96 TIME: 18:19:35

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	191.00	2962.4	0.0	121.01		
***** Start Flow 1	0.00	236.2	0.0	122.39		
	1.00	288.9	52.8	125.33		
	2.00	306.5	70.3	129.23		
	3.00	326.9	90.7	132.83		
	4.00	350.0	113.9	135.75		
	5.00	374.1	137.9	138.00		
	6.00	398.0	161.8	139.72		
	7.00	421.1	184.9	140.99		
	8.00	444.1	207.9	141.94		
	9.00	466.5	230.3	142.67		
	10.00	489.1	252.9	143.22		
	11.00	510.9	274.8	143.63		
	12.00	532.9	296.7	143.94		
	13.00	554.2	318.1	144.18		
	14.00	576.3	340.1	144.37		
***** End Flow 1	15.00	595.5	359.3	144.53		
***** Start Shutin 1	0.00	595.5	0.0	144.53	0.0000	0.355
	1.00	1380.1	784.6	144.66	16.0000	1.905
	2.00	1577.2	981.8	144.78	8.5000	2.488
	3.00	1673.9	1078.4	144.88	6.0000	2.802
	4.00	1722.8	1127.3	144.92	4.7500	2.968
	5.00	1749.0	1153.5	144.91	4.0000	3.059
	6.00	1764.4	1168.9	144.85	3.5000	3.113
	7.00	1774.5	1179.0	144.77	3.1429	3.149
	8.00	1781.5	1186.0	144.68	2.8750	3.174
	9.00	1786.8	1191.3	144.58	2.6667	3.193
	10.00	1790.8	1195.3	144.48	2.5000	3.207
	11.00	1794.0	1198.5	144.37	2.3636	3.219
	12.00	1796.6	1201.1	144.26	2.2500	3.228
	13.00	1798.8	1203.3	144.13	2.1538	3.236
	14.00	1800.7	1205.2	144.00	2.0714	3.243
	15.00	1802.3	1206.8	143.86	2.0000	3.248
	16.00	1803.7	1208.2	143.69	1.9375	3.253
	17.00	1804.9	1209.4	143.53	1.8824	3.258
	18.00	1806.0	1210.5	143.36	1.8333	3.261
	19.00	1806.9	1211.4	143.21	1.7895	3.265
	20.00	1807.7	1212.2	143.05	1.7500	3.268
	21.00	1808.4	1212.9	142.95	1.7143	3.270
	22.00	1809.1	1213.6	142.83	1.6818	3.273
	23.00	1809.7	1214.2	142.69	1.6522	3.275
	24.00	1810.2	1214.7	142.54	1.6250	3.277
	25.00	1810.7	1215.2	142.40	1.6000	3.279
	26.00	1811.1	1215.6	142.26	1.5769	3.280
	27.00	1811.5	1216.0	142.12	1.5556	3.282
	28.00	1811.9	1216.4	142.00	1.5357	3.283
	29.00	1812.3	1216.8	141.89	1.5172	3.284
***** End Shut-in 1	30.00	1812.6	1217.1	141.78	1.5000	3.285
***** Start Flow 2	0.00	649.9	0.0	141.74		
	1.00	665.9	16.0	142.09		
	2.00	685.7	35.8	142.60		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
3.00	705.9	56.0	143.11		
4.00	726.1	76.2	143.55		
5.00	745.8	95.9	143.90		
6.00	764.9	115.1	144.18		
7.00	784.2	134.3	144.39		
8.00	802.8	152.9	144.56		
9.00	821.2	171.3	144.70		
10.00	840.1	190.2	144.81		
11.00	858.0	208.1	144.89		
12.00	875.5	225.6	144.95		
13.00	892.8	242.9	145.02		
14.00	909.8	259.9	145.06		
15.00	927.1	277.2	145.10		
16.00	943.8	293.9	145.12		
17.00	960.3	310.4	145.16		
18.00	976.7	326.8	145.18		
19.00	992.7	342.8	145.20		
20.00	1008.5	358.6	145.22		
21.00	1024.3	374.4	145.23		
22.00	1039.7	389.8	145.25		
23.00	1055.0	405.1	145.26		
24.00	1069.8	420.0	145.27		
25.00	1084.5	434.6	145.27		
26.00	1098.8	448.9	145.27		
27.00	1113.2	463.3	145.26		
28.00	1127.7	477.8	145.28		
29.00	1141.6	491.7	145.27		
30.00	1155.4	505.5	145.29		
31.00	1169.2	519.3	145.29		
32.00	1182.6	532.7	145.30		
33.00	1195.8	545.9	145.30		
34.00	1208.7	558.8	145.29		
35.00	1221.4	571.6	145.29		
36.00	1234.0	584.1	145.30		
37.00	1246.1	596.2	145.31		
38.00	1258.6	608.7	145.30		
39.00	1271.0	621.1	145.30		
40.00	1282.8	632.9	145.30		
41.00	1294.4	644.6	145.29		
42.00	1306.1	656.2	145.28		
43.00	1317.2	667.3	145.27		
44.00	1328.4	678.5	145.28		
45.00	1339.4	689.5	145.27		
46.00	1350.2	700.3	145.27		
47.00	1360.6	710.7	145.27		
48.00	1371.2	721.4	145.25		
49.00	1381.8	731.9	145.24		
50.00	1391.8	741.9	145.24		
51.00	1401.9	752.0	145.23		
52.00	1411.7	761.9	145.22		
53.00	1421.3	771.4	145.21		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 07/17/96 TIME: 18:19:35

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	54.00	1430.9	781.0	145.21		
	55.00	1440.4	790.6	145.21		
	56.00	1449.4	799.5	145.19		
	57.00	1458.5	808.6	145.19		
***** End Flow 2	58.00	1467.4	817.5	145.18		
***** Start Shutin 2	0.00	1467.4	0.0	145.18	0.0000	2.153
	1.00	1668.6	201.2	145.16	74.0000	2.784
	2.00	1740.6	273.2	145.18	37.5000	3.030
	3.00	1766.6	299.3	145.18	25.3333	3.121
	4.00	1777.9	310.5	145.19	19.2500	3.161
	5.00	1783.9	316.6	145.19	15.6000	3.182
	6.00	1787.9	320.6	145.20	13.1667	3.197
	7.00	1791.0	323.6	145.21	11.4286	3.208
	8.00	1793.5	326.2	145.19	10.1250	3.217
	9.00	1795.6	328.2	145.18	9.1111	3.224
	10.00	1797.3	330.0	145.15	8.3000	3.230
	11.00	1798.8	331.5	145.09	7.6364	3.236
	12.00	1800.1	332.8	145.00	7.0833	3.240
	13.00	1801.2	333.9	144.90	6.6154	3.244
	14.00	1802.3	334.9	144.80	6.2143	3.248
	15.00	1803.1	335.8	144.71	5.8667	3.251
	16.00	1804.0	336.6	144.63	5.5625	3.254
	17.00	1804.7	337.3	144.55	5.2941	3.257
	18.00	1805.4	338.0	144.48	5.0556	3.259
	19.00	1805.9	338.6	144.41	4.8421	3.261
	20.00	1806.5	339.1	144.36	4.6500	3.263
	21.00	1807.0	339.6	144.28	4.4762	3.265
	22.00	1807.5	340.1	144.20	4.3182	3.267
	23.00	1807.9	340.6	144.12	4.1739	3.269
	24.00	1808.4	341.0	144.05	4.0417	3.270
	25.00	1808.7	341.4	143.98	3.9200	3.271
	26.00	1809.1	341.7	143.92	3.8077	3.273
	27.00	1809.4	342.1	143.87	3.7037	3.274
	28.00	1809.8	342.4	143.83	3.6071	3.275
	29.00	1810.1	342.7	143.76	3.5172	3.276
	30.00	1810.3	343.0	143.69	3.4333	3.277
	31.00	1810.6	343.3	143.63	3.3548	3.278
	32.00	1810.9	343.5	143.58	3.2812	3.279
	33.00	1811.1	343.7	143.53	3.2121	3.280
	34.00	1811.3	344.0	143.45	3.1471	3.281
	35.00	1811.5	344.2	143.37	3.0857	3.282
	36.00	1811.7	344.4	143.31	3.0278	3.282
	37.00	1812.0	344.6	143.23	2.9730	3.283
	38.00	1812.1	344.8	143.17	2.9211	3.284
	39.00	1812.3	345.0	143.10	2.8718	3.285
	40.00	1812.5	345.1	143.04	2.8250	3.285
	41.00	1812.7	345.3	142.98	2.7805	3.286
	42.00	1812.8	345.5	142.93	2.7381	3.286
	43.00	1813.0	345.6	142.87	2.6977	3.287
	44.00	1813.2	345.8	142.82	2.6591	3.288
	45.00	1813.3	345.9	142.77	2.6222	3.288

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8995 DST #1 Super Supreme Pizza Cabot Oil & Gas

DATE: 07/17/96 TIME: 18:19:35

Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
46.00	1813.4	346.1	142.72	2.5870	3.288	
47.00	1813.6	346.2	142.67	2.5532	3.289	
48.00	1813.7	346.3	142.63	2.5208	3.289	
49.00	1813.8	346.5	142.57	2.4898	3.290	
50.00	1813.9	346.6	142.52	2.4600	3.290	
51.00	1814.0	346.7	142.46	2.4314	3.291	
52.00	1814.1	346.8	142.41	2.4038	3.291	
53.00	1814.2	346.9	142.34	2.3774	3.291	
54.00	1814.3	347.0	142.30	2.3519	3.292	
55.00	1814.4	347.1	142.25	2.3273	3.292	
56.00	1814.5	347.2	142.21	2.3036	3.293	
57.00	1814.6	347.2	142.14	2.2807	3.293	
58.00	1814.7	347.3	142.07	2.2586	3.293	
59.00	1814.8	347.4	142.02	2.2373	3.293	
60.00	1814.8	347.5	141.95	2.2167	3.294	
61.00	1814.9	347.6	141.91	2.1967	3.294	
62.00	1815.0	347.6	141.87	2.1774	3.294	
63.00	1815.1	347.7	141.83	2.1587	3.295	
64.00	1815.2	347.8	141.79	2.1406	3.295	
65.00	1815.2	347.9	141.77	2.1231	3.295	
66.00	1815.3	347.9	141.73	2.1061	3.295	
67.00	1815.4	348.0	141.69	2.0896	3.296	
68.00	1815.4	348.1	141.65	2.0735	3.296	
69.00	1815.5	348.1	141.62	2.0580	3.296	
70.00	1815.5	348.2	141.58	2.0429	3.296	
71.00	1815.6	348.3	141.55	2.0282	3.296	
72.00	1815.7	348.3	141.51	2.0139	3.297	
73.00	1815.7	348.3	141.48	2.0000	3.297	
74.00	1815.8	348.4	141.44	1.9865	3.297	
75.00	1815.8	348.4	141.41	1.9733	3.297	
76.00	1815.8	348.5	141.38	1.9605	3.297	
77.00	1815.9	348.5	141.33	1.9481	3.297	
78.00	1816.0	348.6	141.31	1.9359	3.298	
79.00	1816.0	348.7	141.28	1.9241	3.298	
80.00	1816.0	348.7	141.25	1.9125	3.298	
81.00	1816.1	348.7	141.22	1.9012	3.298	
82.00	1816.1	348.8	141.19	1.8902	3.298	
83.00	1816.2	348.8	141.16	1.8795	3.298	
84.00	1816.2	348.8	141.12	1.8690	3.299	
85.00	1816.3	348.9	141.09	1.8588	3.299	
86.00	1816.3	348.9	141.06	1.8488	3.299	
87.00	1816.3	349.0	141.03	1.8391	3.299	
88.00	1816.4	349.0	141.00	1.8295	3.299	
89.00	1816.4	349.0	140.98	1.8202	3.299	
90.00	1816.4	349.1	140.95	1.8111	3.299	
91.00	1816.5	349.1	140.92	1.8022	3.300	
92.00	1816.5	349.1	140.89	1.7935	3.300	
93.00	1816.5	349.2	140.87	1.7849	3.300	
94.00	1816.6	349.2	140.85	1.7766	3.300	
95.00	1816.6	349.2	140.82	1.7684	3.300	
96.00	1816.6	349.3	140.80	1.7604	3.300	

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	97.00	1816.6	349.3	140.78	1.7526	3.300
	98.00	1816.7	349.3	140.75	1.7449	3.300
	99.00	1816.7	349.4	140.73	1.7374	3.300
	100.00	1816.7	349.4	140.71	1.7300	3.301
	101.00	1816.8	349.4	140.69	1.7228	3.301
	102.00	1816.8	349.4	140.66	1.7157	3.301
	103.00	1816.8	349.5	140.64	1.7087	3.301
	104.00	1816.8	349.5	140.63	1.7019	3.301
	105.00	1816.9	349.5	140.60	1.6952	3.301
	106.00	1816.9	349.5	140.57	1.6887	3.301
	107.00	1816.9	349.6	140.57	1.6822	3.301
	108.00	1816.9	349.6	140.54	1.6759	3.301
	109.00	1817.0	349.6	140.51	1.6697	3.301
	110.00	1817.0	349.6	140.48	1.6636	3.301
	111.00	1817.0	349.7	140.47	1.6577	3.302
	112.00	1817.0	349.7	140.45	1.6518	3.302
	113.00	1817.1	349.7	140.44	1.6460	3.302
	114.00	1817.1	349.7	140.43	1.6404	3.302
	115.00	1817.1	349.8	140.41	1.6348	3.302
	116.00	1817.1	349.8	140.38	1.6293	3.302
	117.00	1817.1	349.7	140.38	1.6239	3.302
	118.00	1817.2	349.8	140.36	1.6186	3.302
***** End Shut-in 2	119.00	1817.2	349.8	140.34	1.6134	3.302
***** Final Hydro.	441.00	2723.7	0.0	136.21		

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

WELL NAME: Super Supreme Pizza #1-21	H	P.O. SUB	
	H	C.O. SUB	5843
LOCATION : 21-32S-23W, Seward Cty KS	H	S.I. TOOL	5849
TICKET No. 8995 D.S.T. No. 1 DATE 7/17/96	H	Sampler	5852
TOTAL TOOL TO BOTTOM OF TOP PACKERS 30	H		
INTERVAL TOOL 27	H	HMV Hyd. Tool	5857
BOTTOM PACKERS AND ANCHOR 106	H	JARS	5862
TOTAL TOOL 163	H		
DRILL COLLAR ANCHOR IN INTERVAL	H		
D.C. ANCHOR STND.Stands Single Total	H	SAFETY JOINT	5864
D.P. ANCHOR STND.Stands Single Total	H		
TOTAL ASSEMBLY 163	H	PACKER	5868
D.C. ABOVE TOOLS.Stands7 Single Total 424	H	PACKER	5873
D.P. ABOVE TOOLS.Stands87 Single Total 5434	H	DEPTH 5873	
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 6021	H	STUBB Perf 3 ft.	5876
TOTAL DEPTH 6006	H	ANCHOR Pick up sub 5 ft.	5881
TOTAL DRILL PIPE ABOVE K.B. 15	H		
REMARKS:	H	Alpine Recorder	5882
	H	Perf 5 ft.	5886
	H	Perf 5 ft.	5891
	H	AK-1 Recorder	5893
	H	Perf 4 ft.	5895
	H	Blank Off sub 1 ft	5896
FLUID SAMPLER DATA	H		
SAMPLER RECOVERY -	H	T.C.	
Gas .2 cu ft, Water 4000 ml,	H	DEPTH 5896	
Pressure 1650 PSI, Total 4000 ml	H	PACKER 4 ft.	5900
SAMPLER ANALYSIS -	H		
Resist .07 ohms @ 80 F, Chlorides 105000 ppm	H	Perf 6 ft.	5906
PIT MUD ANALYSIS -	H		
Chlor 5600 ppm, Vis 62, Mud Wt 9, Filt 8.8,	H	Perf 3 ft.	5909
LCM 3#	H		
PIPE RECOVERY -	H	C.O. sub 1 ft.	5910
1 - Resist .073 ohms @ 80 F, Chlor 96000 ppm	H	D.C. 90 ft.	6000
4 - Resist .071 ohms @ 80 F, Chlor 100000 ppm	H	C.O. sub 1 ft.	6001
3 - Resist .070 ohms @ 80 F, Chlor 105000 ppm	H		
	H	AK-1 Recorder	6003
	H	BULLNOSE Bull Plug 5 ft.	
	H	T.D.	6006