

WELL NAME: Dreiling Trust #1-28
COMPANY: Ranken Energy Corp.
LOCATION: 28-11S-32W
Logan County Kansas
DATE: 08/14/97

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp. DATE 8-9-96
 WELL NAME: Dreiling Trust #1-28 KB 3077.00 ft TICKET NO: 10315 DST #1
 LOCATION : 28-11S-32W Logan KS. GR 3082.00 ft FORMATION: Toronto
 INTERVAL : 4044.00 To 4076.00 ft TD 4076.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	13339	13339	2341			PF Fr. 0417 to 0432 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0432 to 0517 hr
SF 60 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 0517 to 0617 hr
FS 120 Depth(ft)	4071.0	4071.0	4046.0	0.0	0.0	FS Fr. 0617 to 0818 hr

	Field	1	2	3	4	
A. Init Hydro	1892.0	1885.0	1911.0	0.0	0.0	T STARTED 0215 hr
B. First Flow	207.0	208.0	143.0	0.0	0.0	T ON BOTM 0415 hr
B1. Final Flow	529.0	530.0	579.0	0.0	0.0	T OPEN 0417 hr
C. In Shut-in	1220.0	1200.0	1235.0	0.0	0.0	T PULLED 0817 hr
D. Init Flow	659.0	662.0	607.0	0.0	0.0	T OUT 1115 hr
E. Final Flow	1110.0	1069.0	1120.0	0.0	0.0	
F. Fl Shut-in	1220.0	1213.0	1244.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1872.0	1847.0	1891.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 55000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 50000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3446.00 ft
						H.W. I.D 2.80 in
						H.W. Length 598.00 ft

RECOVERY

Tot Fluid 2420.00 ft of 0.00 ft in DC and 2420.00 ft in DP
 2420.00 ft of Salt Water
 0.00 ft of
 0.00 ft of

SALINITY 48000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow off bottom in 2 mins.

Initial Shut In:
 Bled off blow - no reutrnr

Final Flow:
 Strong blow off bottom in 2 minutes

Final Shut In:
 Bled off blow - no return

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 8.70 lb/c
 Vis. 41.00 S/L
 W.L. 7.20 in3
 F.C. 0.00 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 125.00 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 Rod Steinbrink
 Co. Rep. Tom L/Mark H
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

Test Successful: Y

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10315 DST #1 Dreiling Trust #1-28 Ranken Energy Corp.

DATE: 08/09/97 TIME: 02:15:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	121.00	1911.3	0.0	110.73		
***** Start Flow 1	0.00	143.5	0.0	110.70		
	1.00	166.4	22.9	111.09		
	2.00	212.3	68.8	112.26		
	3.00	259.9	116.4	113.94		
	4.00	307.6	164.1	115.73		
	5.00	340.5	197.0	117.43		
	6.00	365.6	222.1	118.87		
	7.00	390.1	246.5	120.12		
	8.00	413.8	270.3	121.09		
	9.00	436.3	292.8	121.93		
	10.00	459.1	315.6	122.57		
	11.00	480.8	337.3	123.11		
	12.00	501.4	357.9	123.52		
	13.00	521.5	378.0	123.89		
	14.00	541.4	397.9	124.15		
	15.00	560.6	417.1	124.36		
***** End Flow 1	16.00	579.1	435.6	124.56		
***** Start Shutin 1	0.00	579.1	0.0	124.56	0.0000	0.335
	1.00	1056.5	477.4	124.73	17.0000	1.116
	2.00	1097.0	517.9	124.85	9.0000	1.203
	3.00	1120.2	541.1	124.96	6.3333	1.255
	4.00	1136.4	557.3	125.04	5.0000	1.291
	5.00	1148.6	569.5	125.10	4.2000	1.319
	6.00	1158.5	579.4	125.12	3.6667	1.342
	7.00	1166.6	587.5	125.11	3.2857	1.361
	8.00	1173.3	594.2	125.13	3.0000	1.377
	9.00	1179.2	600.1	125.15	2.7778	1.390
	10.00	1184.3	605.2	125.08	2.6000	1.403
	11.00	1188.7	609.6	125.09	2.4545	1.413
	12.00	1192.6	613.5	125.05	2.3333	1.422
	13.00	1196.1	617.0	125.03	2.2308	1.431
	14.00	1199.2	620.2	125.01	2.1429	1.438
	15.00	1202.1	623.1	124.97	2.0667	1.445
	16.00	1204.7	625.6	124.95	2.0000	1.451
	17.00	1207.2	628.1	124.93	1.9412	1.457
	18.00	1209.4	630.3	124.90	1.8889	1.463
	19.00	1211.3	632.2	124.87	1.8421	1.467
	20.00	1213.2	634.1	124.82	1.8000	1.472
	21.00	1214.9	635.8	124.80	1.7619	1.476
	22.00	1216.5	637.4	124.76	1.7273	1.480
	23.00	1218.0	639.0	124.72	1.6957	1.484
	24.00	1219.4	640.3	124.68	1.6667	1.487
	25.00	1220.7	641.6	124.62	1.6400	1.490
	26.00	1221.8	642.7	124.57	1.6154	1.493
	27.00	1223.1	644.0	124.52	1.5926	1.496
	28.00	1224.1	645.0	124.47	1.5714	1.498
	29.00	1225.1	646.1	124.42	1.5517	1.501
	30.00	1226.2	647.1	124.36	1.5333	1.503
	31.00	1227.1	648.0	124.30	1.5161	1.506
	32.00	1227.9	648.8	124.23	1.5000	1.508

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
	33.00	1228.8	649.7	124.15	1.4848	1.510
	34.00	1229.5	650.4	124.08	1.4706	1.512
	35.00	1230.3	651.2	124.02	1.4571	1.514
	36.00	1230.9	651.8	123.94	1.4444	1.515
	37.00	1231.6	652.5	123.87	1.4324	1.517
	38.00	1232.2	653.1	123.79	1.4211	1.518
	39.00	1232.7	653.7	123.73	1.4103	1.520
	40.00	1233.4	654.3	123.67	1.4000	1.521
	41.00	1233.9	654.8	123.62	1.3902	1.522
	42.00	1234.5	655.4	123.58	1.3810	1.524
	43.00	1234.9	655.8	123.53	1.3721	1.525
	44.00	1235.4	656.3	123.50	1.3636	1.526
***** End Shut-in 1	45.00	1235.8	656.7	123.56	1.3556	1.527
***** Start Flow 2	0.00	607.5	0.0	123.36		
	1.00	624.2	16.7	123.44		
	2.00	642.3	34.8	123.67		
	3.00	661.0	53.5	123.93		
	4.00	678.6	71.1	124.18		
	5.00	695.9	88.4	124.42		
	6.00	712.4	104.9	124.61		
	7.00	728.2	120.7	124.74		
	8.00	743.6	136.1	124.88		
	9.00	758.3	150.8	124.97		
	10.00	772.7	165.2	125.09		
	11.00	786.6	179.1	125.18		
	12.00	800.0	192.5	125.18		
	13.00	812.5	205.0	125.23		
	14.00	825.1	217.6	125.27		
	15.00	837.1	229.6	125.30		
	16.00	848.6	241.1	125.31		
	17.00	859.6	252.1	125.32		
	18.00	870.1	262.5	125.33		
	19.00	880.2	272.7	125.33		
	20.00	890.4	282.9	125.34		
	21.00	900.3	292.8	125.34		
	22.00	909.8	302.3	125.33		
	23.00	919.1	311.6	125.32		
	24.00	928.1	320.6	125.34		
	25.00	936.5	329.0	125.33		
	26.00	945.2	337.7	125.32		
	27.00	953.5	346.0	125.33		
	28.00	961.0	353.5	125.31		
	29.00	968.7	361.2	125.32		
	30.00	976.0	368.5	125.31		
	31.00	983.5	376.0	125.30		
	32.00	990.5	383.0	125.32		
	33.00	997.5	390.0	125.31		
	34.00	1004.2	396.7	125.27		
	35.00	1010.9	403.4	125.30		
	36.00	1017.1	409.6	125.29		
	37.00	1023.4	415.9	125.28		

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	38.00	1029.2	421.7	125.29		
	39.00	1034.7	427.2	125.28		
	40.00	1040.5	433.0	125.28		
	41.00	1045.9	438.4	125.28		
	42.00	1051.4	443.9	125.26		
	43.00	1056.4	448.9	125.17		
	44.00	1061.2	453.7	125.26		
	45.00	1066.1	458.6	125.25		
	46.00	1070.6	463.1	125.23		
	47.00	1074.8	467.3	125.24		
	48.00	1079.5	472.0	125.23		
	49.00	1083.7	476.2	125.23		
	50.00	1087.8	480.3	125.22		
	51.00	1092.1	484.6	125.21		
	52.00	1095.9	488.4	125.21		
	53.00	1099.4	491.9	125.22		
	54.00	1102.9	495.4	125.21		
	55.00	1106.9	499.4	125.20		
	56.00	1110.4	502.9	125.21		
	57.00	1113.7	506.2	125.21		
	58.00	1117.0	509.5	125.20		
***** End Flow 2	59.00	1120.5	513.0	125.19		
***** Start Shutin 2	0.00	1120.5	0.0	125.19	0.0000	1.256
	1.00	1186.0	65.5	125.18	76.0000	1.407
	2.00	1193.0	72.5	125.18	38.5000	1.423
	3.00	1197.6	77.1	125.19	26.0000	1.434
	4.00	1201.1	80.5	125.18	19.7500	1.443
	5.00	1203.8	83.3	125.17	16.0000	1.449
	6.00	1206.3	85.7	125.17	13.5000	1.455
	7.00	1208.3	87.8	125.16	11.7143	1.460
	8.00	1210.1	89.5	125.15	10.3750	1.464
	9.00	1211.8	91.2	125.13	9.3333	1.468
	10.00	1213.2	92.7	125.12	8.5000	1.472
	11.00	1214.6	94.0	125.13	7.8182	1.475
	12.00	1215.9	95.3	125.10	7.2500	1.478
	13.00	1217.0	96.5	125.08	6.7692	1.481
	14.00	1218.1	97.6	125.08	6.3571	1.484
	15.00	1219.1	98.6	125.07	6.0000	1.486
	16.00	1220.0	99.4	125.05	5.6875	1.488
	17.00	1221.0	100.5	125.03	5.4118	1.491
	18.00	1221.8	101.3	125.02	5.1667	1.493
	19.00	1222.7	102.1	125.01	4.9474	1.495
	20.00	1223.3	102.8	124.99	4.7500	1.497
	21.00	1224.1	103.6	124.98	4.5714	1.498
	22.00	1224.8	104.2	124.96	4.4091	1.500
	23.00	1225.4	104.9	124.96	4.2609	1.502
	24.00	1226.0	105.4	124.94	4.1250	1.503
	25.00	1226.6	106.1	124.93	4.0000	1.505
	26.00	1227.2	106.6	124.91	3.8846	1.506
	27.00	1227.8	107.2	124.90	3.7778	1.507
	28.00	1228.3	107.7	124.88	3.6786	1.509

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
29.00	1228.8	108.2	124.87	3.5862	1.510
30.00	1229.3	108.7	124.85	3.5000	1.511
31.00	1229.7	109.1	124.85	3.4194	1.512
32.00	1230.1	109.5	124.83	3.3438	1.513
33.00	1230.5	110.0	124.88	3.2727	1.514
34.00	1231.0	110.5	124.86	3.2059	1.515
35.00	1231.4	110.9	124.77	3.1429	1.516
36.00	1231.9	111.3	124.76	3.0833	1.517
37.00	1232.2	111.6	124.66	3.0270	1.518
38.00	1232.5	112.0	124.66	2.9737	1.519
39.00	1233.0	112.4	124.49	2.9231	1.520
40.00	1233.3	112.7	124.63	2.8750	1.521
41.00	1233.5	113.0	124.68	2.8293	1.522
42.00	1233.8	113.3	124.66	2.7857	1.522
43.00	1234.2	113.7	124.67	2.7442	1.523
44.00	1234.5	113.9	124.67	2.7045	1.524
45.00	1234.7	114.2	124.66	2.6667	1.525
46.00	1235.0	114.4	124.65	2.6304	1.525
47.00	1235.3	114.7	124.63	2.5957	1.526
48.00	1235.6	115.0	124.63	2.5625	1.527
49.00	1235.8	115.3	124.62	2.5306	1.527
50.00	1236.1	115.5	124.61	2.5000	1.528
51.00	1236.4	115.8	124.61	2.4706	1.529
52.00	1236.7	116.1	124.59	2.4423	1.529
53.00	1236.9	116.3	124.59	2.4151	1.530
54.00	1237.1	116.5	124.58	2.3889	1.530
55.00	1237.3	116.8	124.57	2.3636	1.531
56.00	1237.5	117.0	124.57	2.3393	1.531
57.00	1237.8	117.2	124.57	2.3158	1.532
58.00	1238.0	117.4	124.56	2.2931	1.533
59.00	1238.2	117.6	124.55	2.2712	1.533
60.00	1238.3	117.8	124.55	2.2500	1.533
61.00	1238.4	117.9	124.54	2.2295	1.534
62.00	1238.6	118.1	124.54	2.2097	1.534
63.00	1238.8	118.3	124.53	2.1905	1.535
64.00	1239.1	118.5	124.51	2.1719	1.535
65.00	1239.2	118.7	124.51	2.1538	1.536
66.00	1239.4	118.8	124.51	2.1364	1.536
67.00	1239.6	119.0	124.50	2.1194	1.537
68.00	1239.7	119.2	124.49	2.1029	1.537
69.00	1239.9	119.3	124.49	2.0870	1.537
70.00	1240.0	119.5	124.48	2.0714	1.538
71.00	1240.2	119.7	124.48	2.0563	1.538
72.00	1240.4	119.8	124.47	2.0417	1.538
73.00	1240.5	120.0	124.47	2.0274	1.539
74.00	1240.6	120.1	124.46	2.0135	1.539
75.00	1240.8	120.2	124.47	2.0000	1.539
76.00	1240.9	120.4	124.45	1.9868	1.540
77.00	1241.0	120.5	124.45	1.9740	1.540
78.00	1241.2	120.6	124.45	1.9615	1.541
79.00	1241.4	120.9	124.43	1.9494	1.541

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	80.00	1241.5	121.0	124.43	1.9375	1.541
	81.00	1241.6	121.0	124.43	1.9259	1.542
	82.00	1241.7	121.1	124.43	1.9146	1.542
	83.00	1241.8	121.3	124.40	1.9036	1.542
	84.00	1241.9	121.4	124.41	1.8929	1.542
	85.00	1242.0	121.5	124.41	1.8824	1.543
	86.00	1242.2	121.6	124.40	1.8721	1.543
	87.00	1242.2	121.7	124.39	1.8621	1.543
	88.00	1242.3	121.8	124.39	1.8523	1.543
	89.00	1242.4	121.9	124.37	1.8427	1.544
	90.00	1242.5	122.0	124.38	1.8333	1.544
	91.00	1242.7	122.1	124.37	1.8242	1.544
	92.00	1242.8	122.2	124.38	1.8152	1.544
	93.00	1242.9	122.4	124.37	1.8065	1.545
	94.00	1243.0	122.5	124.36	1.7979	1.545
	95.00	1243.2	122.6	124.36	1.7895	1.545
	96.00	1243.2	122.7	124.36	1.7812	1.546
	97.00	1243.3	122.7	124.36	1.7732	1.546
	98.00	1243.4	122.8	124.35	1.7653	1.546
	99.00	1243.5	122.9	124.33	1.7576	1.546
	100.00	1243.5	123.0	124.31	1.7500	1.546
	101.00	1243.7	123.1	124.32	1.7426	1.547
	102.00	1243.7	123.2	124.31	1.7353	1.547
	103.00	1243.8	123.2	124.31	1.7282	1.547
	104.00	1243.9	123.4	124.32	1.7212	1.547
	105.00	1244.0	123.4	124.31	1.7143	1.547
	106.00	1244.0	123.4	124.30	1.7075	1.547
	107.00	1244.1	123.6	124.29	1.7009	1.548
	108.00	1244.2	123.7	124.29	1.6944	1.548
	109.00	1244.2	123.7	124.30	1.6881	1.548
	110.00	1244.3	123.8	124.27	1.6818	1.548
	111.00	1244.4	123.9	124.28	1.6757	1.549
	112.00	1244.4	123.9	124.28	1.6696	1.549
	113.00	1244.6	124.1	124.27	1.6637	1.549
	114.00	1244.6	124.1	124.28	1.6579	1.549
	115.00	1244.7	124.2	124.27	1.6522	1.549
	116.00	1244.7	124.2	124.28	1.6466	1.549
	117.00	1244.9	124.3	124.26	1.6410	1.550
	118.00	1244.9	124.3	124.27	1.6356	1.550
	119.00	1244.9	124.3	124.26	1.6303	1.550
***** End Shut-in 2	120.00	1244.9	124.4	124.26	1.6250	1.550
***** Final Hydro.	365.00	1891.5	0.0	124.01		

TEST HISTORY

10315 DST #1 Drilling Trust #1-28 Ranken Energy Corp.

Flag Points

t (Min.) P (PSig)

A: 0.00 1911.30
 B: 0.00 143.52
 C: 16.00 579.09
 D: 45.00 1235.83
 E: 0.00 607.50
 F: 59.00 1120.54
 G: 120.00 1244.90
 Q: 0.00 1891.46

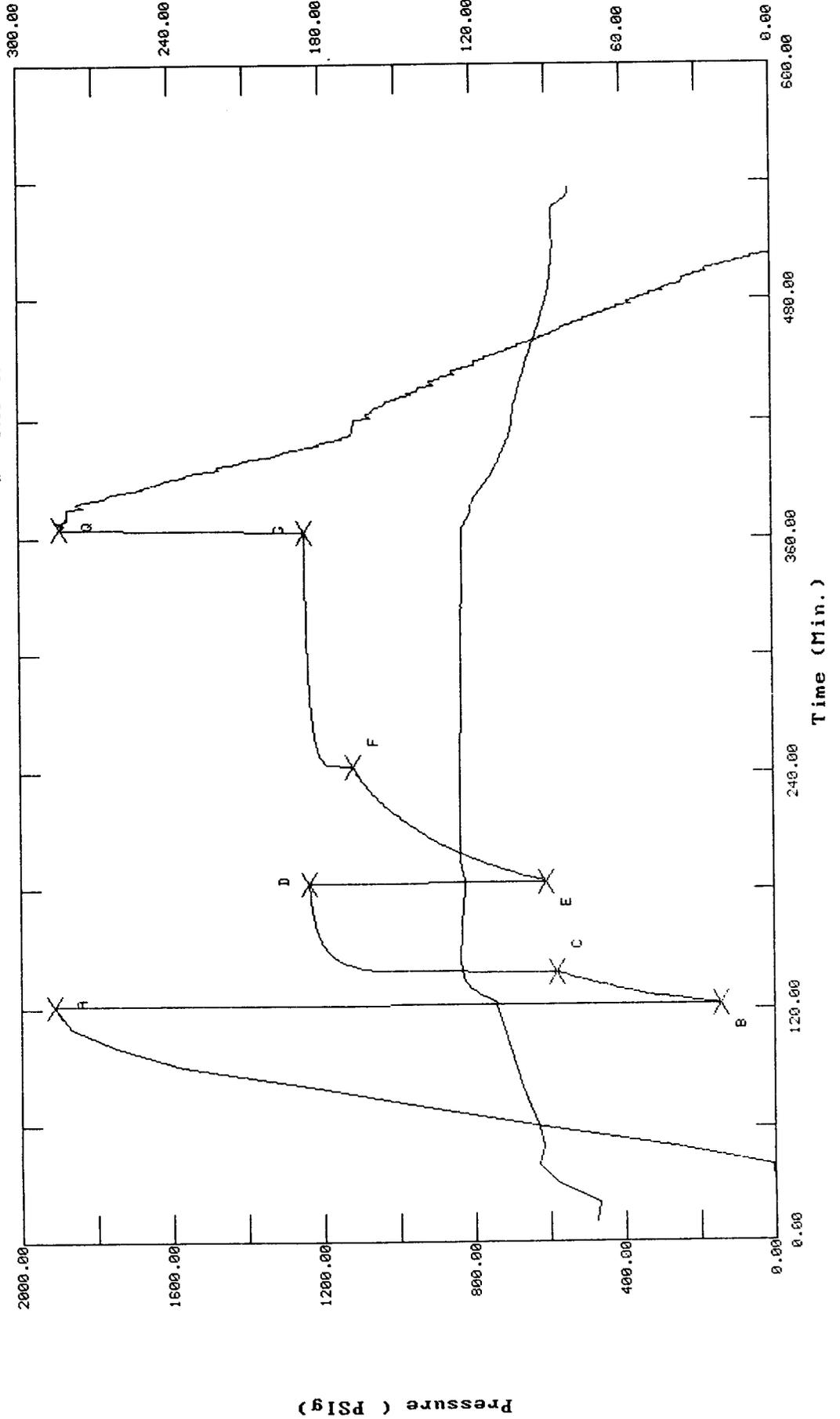
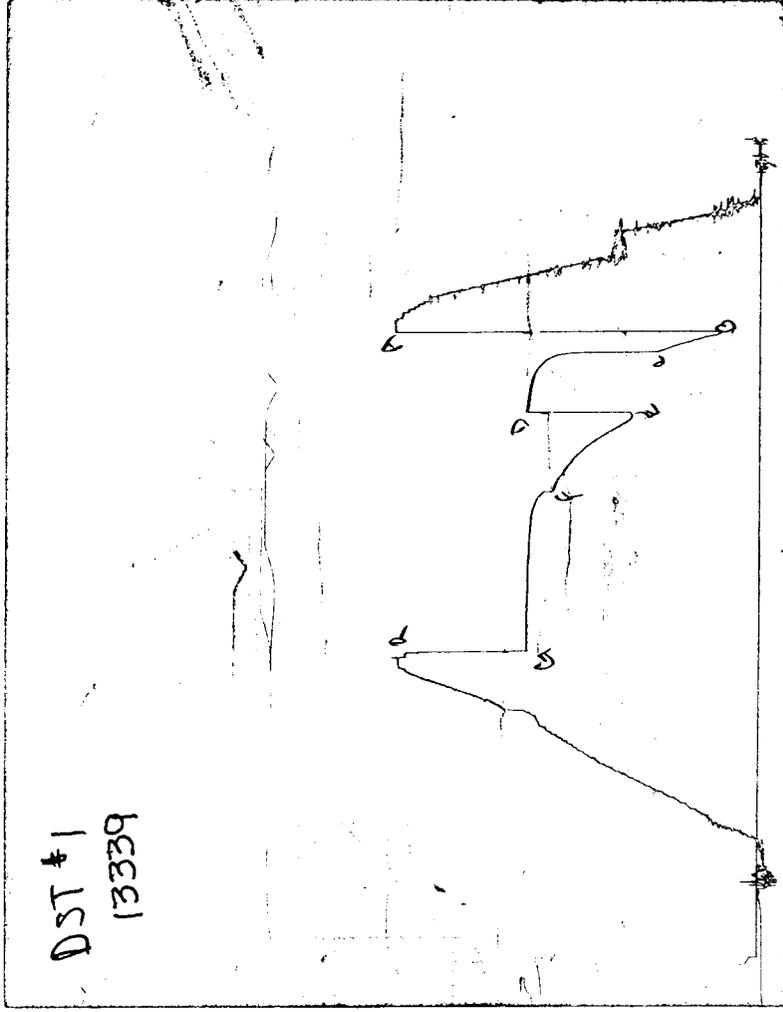


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp. DATE 8-10-97
 WELL NAME: Dreiling Trust #1-28 KB 3082.00 ft TICKET NO: 10316 DST #2
 LOCATION : 28-11S-32W Logan KS. GR 3077.00 ft FORMATION: Lans/KC H - I - J
 INTERVAL : 4208.00 To 4319.00 ft TD 4319.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	13339	13339	2341			PF Fr. 0743 to 0758 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0758 to 0843 hr
SF 60 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 0843 to 0943 hr
FS 120 Depth(ft)	4317.0	4317.0	4217.0	0.0	0.0	FS Fr. 0943 to 1143 hr

	Field	1	2	3	4	
A. Init Hydro	2123.0	2083.0	2056.0	0.0	0.0	T STARTED 0545 hr
B. First Flow	135.0	414.0	42.0	0.0	0.0	T ON BOTM 0741 hr
B1. Final Flow	249.0	264.0	253.0	0.0	0.0	T OPEN 0743 hr
C. In Shut-in	1351.0	1319.0	1313.0	0.0	0.0	T PULLED 1143 hr
D. Init Flow	332.0	330.0	266.0	0.0	0.0	T OUT 1400 hr
E. Final Flow	649.0	635.0	624.0	0.0	0.0	
F. Fl Shut-in	1331.0	1302.0	1299.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2023.0	2012.0	1992.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 44000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3691.00 ft
						H.W. I.D 2.80 in
						H.W. Length 503.00 ft

RECOVERY

Tot Fluid 1255.00 ft of 0.00 ft in DC and 1255.00 ft in DP
 205.00 ft of Watery Mud Trace of Oil
 0.00 ft of 30%water 70%mud
 1050.00 ft of Sulpher Water
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 30000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Fair to strong blow off bottom in
 6 mins.

Initial Shut In:
 Bled off blow - no return

Final Flow:
 Fair to strong blow off bottom in 7 mi
 7 minutes

Final Shut In:
 Bled off blow - No return

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/c
 Vis. 47.00 S/L
 W.L. 7.20 in3
 F.C. 0.00 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 127.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out Y
 Tool Chased N
 Tester Rod Steinbrink
 Co. Rep. Tom L / Mark H
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Dreiling Trust #1-28
 LOCATION : 28-11S-32W Logan KS.
 TICKET No. 10316 D.S.T. No. 2 DATE 8-10-97
 TOTAL TOOL TO BOTTOM OF TOP PACKERS 20
 INTERVAL TOOL 17
 BOTTOM PACKERS AND ANCHOR
 TOTAL TOOL 37
 DRILL COLLAR ANCHOR IN INTERVAL
 D.C. ANCHOR STND.Stands Single Total
 D.P. ANCHOR STND.Stands 1 Single 1 Total 95
 TOTAL ASSEMBLY 132
 D.C. ABOVE TOOLS.Stands Single Total
 D.P. ABOVE TOOLS.Stands 67 Single 1 Total 4194
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4326
 TOTAL DEPTH 4319
 TOTAL DRILL PIPE ABOVE K.B. 7
 REMARKS:

P.O. SUB 1' Above 120' WP	4068
C.O. SUB 1'	4188
S.I. TOOL 5'	4194
HMV 5'	4199
JARS N/A	
SAFETY JOINT N/A	
PACKER 4'	4203
PACKER 5'	4208
DEPTH	
STUBB 1'	4209
ANCHOR	
8' Perf.	4217
Alp. Rec. @ 4217	
1' CO Sub	4218
95' WP	4313
1' CO Sub	4314
T.C.	
DEPTH	
AK-1 Rec. @ 4314	
BULLNOSE 5'	
T.D.	4319

 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
***** Initial Hydro.	116.00	2056.2	0.0	114.29		
***** Start Flow 1	0.00	42.1	0.0	114.90		
	1.00	63.2	21.1	115.00		
	2.00	76.6	34.5	115.06		
	3.00	89.7	47.6	115.09		
	4.00	104.1	62.0	115.09		
	5.00	117.9	75.8	115.08		
	6.00	132.0	89.9	115.09		
	7.00	146.0	103.8	115.14		
	8.00	159.5	117.4	115.16		
	9.00	172.3	130.2	115.18		
	10.00	185.6	143.5	115.20		
	11.00	197.9	155.7	115.25		
	12.00	210.5	168.4	115.31		
	13.00	223.4	181.3	115.39		
	14.00	236.0	193.9	115.49		
	15.00	246.7	204.6	115.61		
***** End Flow 1	16.00	253.6	211.5	115.73		
***** Start Shutin 1	0.00	253.6	0.0	115.73	0.0000	0.064
	1.00	1059.6	806.0	115.93	17.0000	1.123
	2.00	1144.7	891.1	116.12	9.0000	1.310
	3.00	1188.7	935.1	116.35	6.3333	1.413
	4.00	1216.7	963.0	116.56	5.0000	1.480
	5.00	1235.9	982.2	116.78	4.2000	1.527
	6.00	1249.6	996.0	117.02	3.6667	1.562
	7.00	1259.8	1006.1	117.25	3.2857	1.587
	8.00	1267.5	1013.9	117.47	3.0000	1.607
	9.00	1273.6	1019.9	117.72	2.7778	1.622
	10.00	1278.6	1024.9	117.95	2.6000	1.635
	11.00	1282.5	1028.8	118.18	2.4545	1.645
	12.00	1285.8	1032.2	118.41	2.3333	1.653
	13.00	1288.6	1034.9	118.65	2.2308	1.660
	14.00	1291.0	1037.3	118.86	2.1429	1.667
	15.00	1293.1	1039.5	119.09	2.0667	1.672
	16.00	1294.9	1041.2	119.29	2.0000	1.677
	17.00	1296.5	1042.9	119.49	1.9412	1.681
	18.00	1297.9	1044.3	119.70	1.8889	1.685
	19.00	1299.2	1045.6	119.89	1.8421	1.688
	20.00	1300.3	1046.7	120.06	1.8000	1.691
	21.00	1301.4	1047.8	120.23	1.7619	1.694
	22.00	1302.3	1048.7	120.41	1.7273	1.696
	23.00	1303.2	1049.6	120.54	1.6957	1.698
	24.00	1304.1	1050.4	120.72	1.6667	1.701
	25.00	1304.8	1051.1	120.88	1.6400	1.702
	26.00	1305.6	1051.9	121.04	1.6154	1.704
	27.00	1306.1	1052.5	121.15	1.5926	1.706
	28.00	1306.8	1053.2	121.30	1.5714	1.708
	29.00	1307.3	1053.7	121.41	1.5517	1.709
	30.00	1308.0	1054.3	121.53	1.5333	1.711
	31.00	1308.4	1054.8	121.64	1.5161	1.712
	32.00	1308.9	1055.2	121.76	1.5000	1.713

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	33.00	1309.5	1055.8	121.81	1.4848	1.715
	34.00	1309.9	1056.2	121.94	1.4706	1.716
	35.00	1310.3	1056.7	122.05	1.4571	1.717
	36.00	1310.7	1057.1	122.13	1.4444	1.718
	37.00	1311.1	1057.5	122.21	1.4324	1.719
	38.00	1311.4	1057.8	122.29	1.4211	1.720
	39.00	1311.8	1058.2	122.36	1.4103	1.721
	40.00	1312.2	1058.5	122.45	1.4000	1.722
	41.00	1312.5	1058.9	122.50	1.3902	1.723
	42.00	1312.8	1059.1	122.58	1.3810	1.723
	43.00	1313.1	1059.4	122.63	1.3721	1.724
	44.00	1313.3	1059.7	122.69	1.3636	1.725
***** End Shut-in 1	45.00	1313.6	1059.9	122.76	1.3556	1.726
***** Start Flow 2	0.00	266.8	0.0	122.73		
	1.00	274.2	7.4	122.74		
	2.00	282.3	15.5	122.74		
	3.00	290.3	23.5	122.73		
	4.00	297.8	31.1	122.74		
	5.00	305.3	38.6	122.74		
	6.00	312.0	45.3	122.76		
	7.00	319.0	52.2	122.78		
	8.00	325.4	58.7	122.81		
	9.00	332.1	65.3	122.86		
	10.00	338.8	72.0	122.90		
	11.00	345.4	78.6	122.95		
	12.00	351.9	85.1	123.02		
	13.00	358.0	91.3	123.08		
	14.00	364.5	97.7	123.15		
	15.00	370.6	103.9	123.22		
	16.00	377.1	110.4	123.30		
	17.00	383.3	116.5	123.38		
	18.00	389.9	123.1	123.46		
	19.00	396.0	129.3	123.55		
	20.00	402.3	135.5	123.64		
	21.00	408.1	141.3	123.73		
	22.00	413.8	147.0	123.82		
	23.00	419.8	153.0	123.90		
	24.00	425.5	158.7	124.00		
	25.00	431.4	164.6	124.06		
	26.00	437.0	170.2	124.14		
	27.00	442.6	175.8	124.25		
	28.00	448.4	181.7	124.33		
	29.00	453.9	187.1	124.41		
	30.00	459.6	192.8	124.50		
	31.00	465.1	198.3	124.58		
	32.00	470.6	203.8	124.66		
	33.00	476.4	209.6	124.74		
	34.00	481.8	215.1	124.82		
	35.00	487.5	220.7	124.90		
	36.00	492.7	225.9	124.99		
	37.00	497.8	231.0	125.07		

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38.00	503.3	236.6	125.12		
39.00	508.5	241.7	125.21		
40.00	513.5	246.7	125.29		
41.00	518.9	252.1	125.35		
42.00	523.9	257.2	125.46		
43.00	529.3	262.5	125.49		
44.00	534.3	267.5	125.61		
45.00	539.3	272.5	125.67		
46.00	544.5	277.7	125.72		
47.00	549.4	282.6	125.79		
48.00	554.3	287.5	125.83		
49.00	559.3	292.6	125.89		
50.00	564.1	297.3	125.95		
51.00	568.7	301.9	126.00		
52.00	573.7	306.9	126.04		
53.00	578.4	311.6	126.10		
54.00	583.1	316.3	126.15		
55.00	588.1	321.3	126.19		
56.00	592.7	325.9	126.25		
57.00	597.2	330.4	126.29		
58.00	602.0	335.2	126.34		
59.00	606.4	339.6	126.37		
60.00	610.9	344.1	126.40		
61.00	615.6	348.8	126.47		
62.00	620.1	353.3	126.51		
63.00	624.5	357.7	126.54		
***** End Flow 2					
0.00	624.5	0.0	126.54	0.0000	0.390
1.00	1081.3	456.9	126.59	80.0000	1.169
2.00	1148.7	524.2	126.65	40.5000	1.320
3.00	1180.4	555.9	126.71	27.3333	1.393
4.00	1200.2	575.8	126.78	20.7500	1.441
5.00	1213.9	589.4	126.82	16.8000	1.474
6.00	1223.8	599.3	126.82	14.1667	1.498
7.00	1231.3	606.9	126.95	12.2857	1.516
8.00	1237.3	612.8	126.99	10.8750	1.531
9.00	1241.9	617.5	127.04	9.7778	1.542
10.00	1245.8	621.3	127.06	8.9000	1.552
11.00	1249.1	624.6	127.10	8.1818	1.560
12.00	1251.9	627.4	127.14	7.5833	1.567
13.00	1254.3	629.8	127.17	7.0769	1.573
14.00	1256.5	632.0	127.18	6.6429	1.579
15.00	1258.3	633.9	127.20	6.2667	1.583
16.00	1260.2	635.7	127.23	5.9375	1.588
17.00	1261.7	637.2	127.24	5.6471	1.592
18.00	1263.2	638.7	127.29	5.3889	1.596
19.00	1264.5	640.0	127.30	5.1579	1.599
20.00	1265.6	641.2	127.30	4.9500	1.602
21.00	1266.9	642.4	127.31	4.7619	1.605
22.00	1268.0	643.5	127.32	4.5909	1.608
23.00	1269.0	644.5	127.33	4.4348	1.610
24.00	1269.9	645.5	127.35	4.2917	1.613
***** Start Shutin 2					

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25.00	1270.8	646.4	127.33	4.1600	1.615
26.00	1271.7	647.2	127.35	4.0385	1.617
27.00	1272.5	648.1	127.36	3.9259	1.619
28.00	1273.3	648.8	127.35	3.8214	1.621
29.00	1274.0	649.6	127.35	3.7241	1.623
30.00	1274.7	650.2	127.35	3.6333	1.625
31.00	1275.4	651.0	127.36	3.5484	1.627
32.00	1276.1	651.6	127.35	3.4688	1.628
33.00	1276.6	652.2	127.35	3.3939	1.630
34.00	1277.2	652.8	127.34	3.3235	1.631
35.00	1277.8	653.4	127.35	3.2571	1.633
36.00	1278.4	654.0	127.35	3.1944	1.634
37.00	1278.9	654.5	127.34	3.1351	1.636
38.00	1279.5	655.0	127.34	3.0789	1.637
39.00	1279.9	655.5	127.34	3.0256	1.638
40.00	1280.4	655.9	127.32	2.9750	1.639
41.00	1281.0	656.5	127.32	2.9268	1.641
42.00	1281.4	656.9	127.32	2.8810	1.642
43.00	1281.8	657.4	127.31	2.8372	1.643
44.00	1282.1	657.7	127.30	2.7955	1.644
45.00	1282.7	658.2	127.30	2.7556	1.645
46.00	1283.1	658.6	127.28	2.7174	1.646
47.00	1283.5	659.0	127.27	2.6809	1.647
48.00	1283.8	659.4	127.27	2.6458	1.648
49.00	1284.3	659.8	127.26	2.6122	1.649
50.00	1284.7	660.2	127.24	2.5800	1.650
51.00	1285.0	660.6	127.24	2.5490	1.651
52.00	1285.4	660.9	127.24	2.5192	1.652
53.00	1285.7	661.2	127.22	2.4906	1.653
54.00	1286.0	661.6	127.21	2.4630	1.654
55.00	1286.3	661.9	127.20	2.4364	1.655
56.00	1286.7	662.2	127.20	2.4107	1.656
57.00	1287.0	662.5	127.26	2.3860	1.656
58.00	1287.3	662.8	127.18	2.3621	1.657
59.00	1287.5	663.1	127.14	2.3390	1.658
60.00	1287.9	663.4	127.11	2.3167	1.659
61.00	1288.1	663.7	127.11	2.2951	1.659
62.00	1288.4	664.0	127.11	2.2742	1.660
63.00	1288.9	664.4	127.10	2.2540	1.661
64.00	1289.1	664.6	127.08	2.2344	1.662
65.00	1289.4	664.9	127.07	2.2154	1.662
66.00	1289.6	665.1	127.07	2.1970	1.663
67.00	1289.8	665.4	127.05	2.1791	1.664
68.00	1290.0	665.6	127.04	2.1618	1.664
69.00	1290.4	665.9	127.03	2.1449	1.665
70.00	1290.6	666.1	127.02	2.1286	1.666
71.00	1290.9	666.4	127.01	2.1127	1.666
72.00	1291.1	666.6	126.99	2.0972	1.667
73.00	1291.3	666.8	126.98	2.0822	1.667
74.00	1291.5	667.0	126.97	2.0676	1.668
75.00	1291.7	667.2	126.97	2.0533	1.668

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76.00	1291.9	667.5	126.95	2.0395	1.669	
77.00	1292.1	667.7	126.95	2.0260	1.670	
78.00	1292.3	667.9	126.92	2.0128	1.670	
79.00	1292.5	668.1	126.91	2.0000	1.671	
80.00	1292.8	668.3	126.90	1.9875	1.671	
81.00	1293.0	668.5	126.88	1.9753	1.672	
82.00	1293.2	668.7	126.88	1.9634	1.672	
83.00	1293.4	669.0	126.84	1.9518	1.673	
84.00	1293.6	669.1	126.84	1.9405	1.673	
85.00	1293.8	669.3	126.83	1.9294	1.674	
86.00	1293.9	669.5	126.82	1.9186	1.674	
87.00	1294.1	669.6	126.81	1.9080	1.675	
88.00	1294.3	669.9	126.80	1.8977	1.675	
89.00	1294.4	670.0	126.79	1.8876	1.676	
90.00	1294.6	670.2	126.78	1.8778	1.676	
91.00	1294.8	670.4	126.78	1.8681	1.677	
92.00	1295.0	670.6	126.75	1.8587	1.677	
93.00	1295.2	670.7	126.74	1.8495	1.677	
94.00	1295.3	670.9	126.73	1.8404	1.678	
95.00	1295.5	671.1	126.72	1.8316	1.678	
96.00	1295.7	671.2	126.71	1.8229	1.679	
97.00	1295.8	671.4	126.70	1.8144	1.679	
98.00	1295.9	671.5	126.70	1.8061	1.679	
99.00	1296.1	671.6	126.69	1.7980	1.680	
100.00	1296.2	671.8	126.69	1.7900	1.680	
101.00	1296.4	671.9	126.66	1.7822	1.681	
102.00	1296.5	672.1	126.65	1.7745	1.681	
103.00	1296.7	672.2	126.63	1.7670	1.681	
104.00	1296.9	672.4	126.62	1.7596	1.682	
105.00	1297.0	672.6	126.62	1.7524	1.682	
106.00	1297.2	672.7	126.61	1.7453	1.683	
107.00	1297.3	672.8	126.60	1.7383	1.683	
108.00	1297.5	673.0	126.59	1.7315	1.684	
109.00	1297.7	673.2	126.58	1.7248	1.684	
110.00	1297.8	673.3	126.58	1.7182	1.684	
111.00	1298.0	673.5	126.57	1.7117	1.685	
112.00	1298.1	673.6	126.56	1.7054	1.685	
113.00	1298.1	673.7	126.55	1.6991	1.685	
114.00	1298.3	673.8	126.54	1.6930	1.686	
115.00	1298.4	674.0	126.53	1.6870	1.686	
116.00	1298.6	674.2	126.50	1.6810	1.686	
117.00	1298.7	674.2	126.48	1.6752	1.687	
118.00	1298.9	674.4	126.49	1.6695	1.687	
119.00	1299.0	674.5	126.49	1.6639	1.687	
120.00	1299.0	674.6	126.47	1.6583	1.687	
***** End Shut-in 2	121.00	1299.3	674.8	126.47	1.6529	1.688
***** Final Hydro.	367.00	1992.4	0.0	126.40		

TEST HISTORY

10316 DST #2 Drilling Trust #1-28 Ranken Energy Corp.

Flag Points

t (Min.) P (PSig)

R:	0.00	2056.25
S:	0.00	42.13
C:	16.00	253.64
D:	45.00	1313.58
E:	0.00	266.78
F:	63.00	624.46
G:	121.00	1299.25
Q:	0.00	1992.38

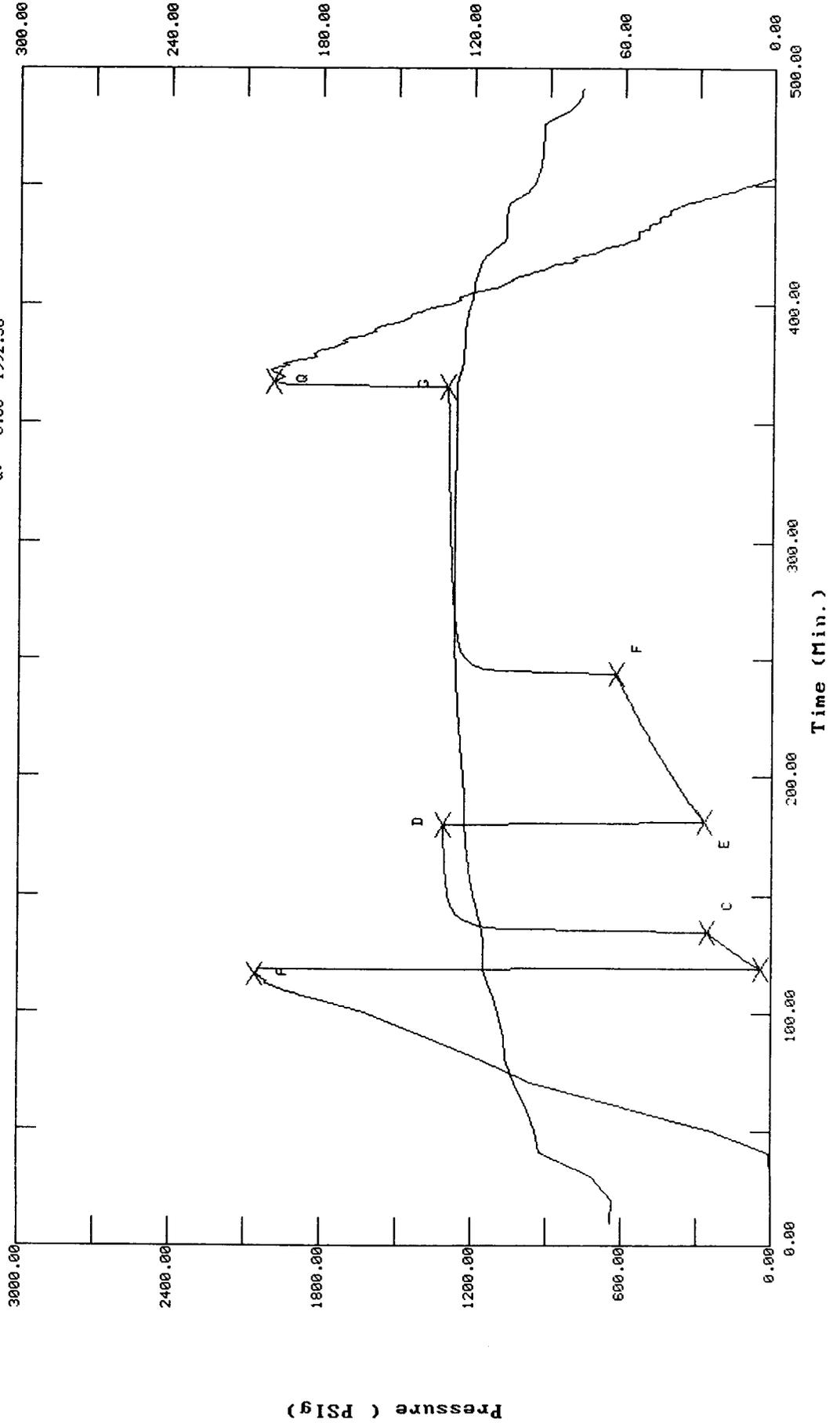
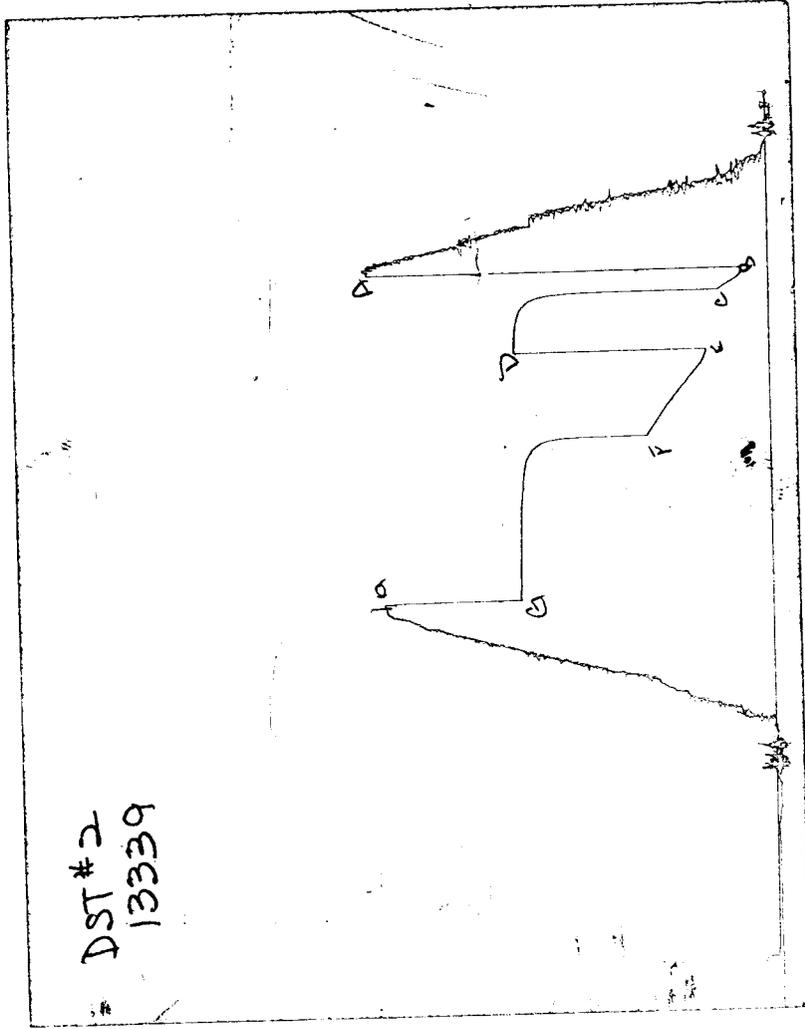


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp. DATE 8-11-97
 WELL NAME: Dreiling Trust #1-28 KB 3082.00 ft TICKET NO: 10317 DST #3
 LOCATION : 28-11S-32W Logan KS. GR 3077.00 ft FORMATION: Lans/KC K - L
 INTERVAL : 4330.00 To 4395.00 ft TD 4395.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	2341			PF Fr. 0352 to 0437 hr
SI 45 Range (Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0437 to 0522 hr
SF 5 Clock (hrs)	12 HR	12 HR	Elec			SF Fr. 0522 to 0540 hr
FS 0 Depth (ft)	4390.0	4390.0	4332.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2143.0	2142.0	2137.0	0.0	0.0	T STARTED 0147 hr
B. First Flow	52.0	84.0	8.0	0.0	0.0	T ON BOTM 0350 hr
B1. Final Flow	52.0	71.0	22.0	0.0	0.0	T OPEN 0352 hr
C. In Shut-in	1381.0	1346.0	1358.0	0.0	0.0	T PULLED 0540 hr
D. Init Flow	72.0	110.0	27.0	0.0	0.0	T OUT 0730 hr
E. Final Flow	0.0	95.0	23.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2103.0	2043.0	2090.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 45000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 40000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3720.00 ft
						H.W. I.D 2.80 in
						H.W. Length 598.00 ft

RECOVERY

Tot Fluid 10.00 ft of 0.00 ft in DC and 10.00 ft in DP
 10.00 ft of Drilling Mud
 0.00 ft of
 SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak blow slowly built to 1"
 Initial Shut In:
 No reutrn blow
 Final Flow:
 No return blow - flushed tool / good
 surge - no help
 Final Shut In:
 Tool Out Of Hole @ Company Orders

SAMPLES:

SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/c
 Vis. 45.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 119.00 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 Rod Steinbrink
 Co. Rep. Tom L / Mark H
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Dreiling Trust #1-28	P.O. SUB 1' Above 120' WP	4190
LOCATION : 28-11S-32W Logan KS.	C.O. SUB 1'	4310
TICKET No. 10317 D.S.T. No. 3 DATE 8-11-97	S.I. TOOL 5'	4316
TOTAL TOOL TO BOTTOM OF TOP PACKERS 20	HMV 5'	4321
INTERVAL TOOL 34	JARS N/A	
BOTTOM PACKERS AND ANCHOR		
TOTAL TOOL 54		
DRILL COLLAR ANCHOR IN INTERVAL		
C. ANCHOR STND.Stands Single Total	SAFETY JOINT N/A	
P. ANCHOR STND.Stands Single 1 Total 31	PACKER 4'	4325
TOTAL ASSEMBLY 85	PACKER 5'	4330
C. ABOVE TOOLS.Stands Single Total	DEPTH	
P. ABOVE TOOLS.Stands 69 Single 1 Total 4318	STUBB 1'	4331
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4403	ANCHOR	
TOTAL DEPTH 4395	Alpine Rec. @ 4332	
TOTAL DRILL PIPE ABOVE K.B. 8	26' Perf.	4357
REMARKS:	1' CO Sub	4358
	31' DP	4389
	1' CO Sub	4390
	T.C.	
	DEPTH	
	AK-1 Rec. @ 4390	
	BULLNOSE 5'	
	T.D.	4395

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10317 DST #3 Dreiling Trust #1-28 Ranken Energy Corp.

DATE: 08/11/97 TIME: 01:47:50

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	124.00	2137.7	0.0	113.15		
***** Start Flow 1	0.00	8.5	0.0	113.75		
	1.00	9.3	0.8	114.07		
	2.00	9.9	1.5	114.33		
	3.00	10.5	2.0	114.55		
	4.00	10.9	2.4	114.73		
	5.00	11.3	2.9	114.89		
	6.00	11.8	3.3	115.01		
	7.00	12.3	3.8	115.12		
	8.00	12.7	4.2	115.20		
	9.00	13.1	4.6	115.25		
	10.00	13.5	5.0	115.29		
	11.00	13.9	5.4	115.30		
	12.00	14.3	5.8	115.35		
	13.00	14.6	6.1	115.39		
	14.00	14.9	6.4	115.42		
	15.00	15.2	6.8	115.47		
	16.00	15.5	7.0	115.48		
	17.00	15.9	7.5	115.52		
	18.00	16.2	7.8	115.55		
	19.00	16.5	8.1	115.58		
	20.00	16.8	8.4	115.60		
	21.00	17.2	8.7	115.64		
	22.00	17.5	9.1	115.67		
	23.00	17.8	9.3	115.70		
	24.00	18.1	9.7	115.73		
	25.00	18.5	10.1	115.76		
	26.00	18.9	10.5	115.81		
	27.00	19.3	10.9	115.87		
	28.00	19.7	11.2	115.93		
	29.00	20.1	11.6	115.99		
	30.00	20.3	11.9	116.05		
	31.00	20.6	12.1	116.12		
	32.00	20.7	12.3	116.20		
	33.00	20.6	12.2	116.28		
	34.00	20.5	12.0	116.35		
	35.00	20.4	11.9	116.44		
	36.00	20.7	12.2	116.53		
	37.00	21.0	12.6	116.60		
	38.00	21.2	12.7	116.68		
	39.00	21.3	12.9	116.76		
	40.00	21.6	13.1	116.80		
	41.00	21.7	13.2	116.89		
	42.00	22.0	13.6	116.96		
	43.00	22.4	13.9	117.04		
	44.00	22.6	14.1	117.11		
***** End Flow 1	45.00	22.8	14.3	117.20		
***** Start Shutin 1	0.00	22.8	0.0	117.20	0.0000	0.001
	1.00	25.9	3.1	117.26	46.0000	0.001
	2.00	71.8	49.1	117.33	23.5000	0.005
	3.00	210.1	187.4	117.42	16.0000	0.044

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10317 DST #3 Dreiling Trust #1-28 Ranken Energy Corp.

DATE: 08/11/97

TIME: 01:47:50

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
4.00	425.8	403.0	117.51	12.2500	0.181
5.00	605.0	582.2	117.63	10.0000	0.366
6.00	743.3	720.5	117.73	8.5000	0.552
7.00	851.2	828.5	117.81	7.4286	0.725
8.00	936.2	913.5	117.88	6.6250	0.877
9.00	1004.6	981.9	117.99	6.0000	1.009
10.00	1059.5	1036.7	118.02	5.5000	1.122
11.00	1103.4	1080.7	118.06	5.0909	1.218
12.00	1139.7	1116.9	118.12	4.7500	1.299
13.00	1169.4	1146.6	118.17	4.4615	1.368
14.00	1194.4	1171.6	118.20	4.2143	1.427
15.00	1215.8	1193.0	118.25	4.0000	1.478
16.00	1233.8	1211.0	118.28	3.8125	1.522
17.00	1248.8	1226.0	118.30	3.6471	1.559
18.00	1261.4	1238.6	118.32	3.5000	1.591
19.00	1272.4	1249.7	118.35	3.3684	1.619
20.00	1282.0	1259.3	118.37	3.2500	1.644
21.00	1290.6	1267.8	118.40	3.1429	1.666
22.00	1298.1	1275.3	118.41	3.0455	1.685
23.00	1304.8	1282.0	118.44	2.9565	1.703
24.00	1310.7	1288.0	118.46	2.8750	1.718
25.00	1316.0	1293.2	118.49	2.8000	1.732
26.00	1320.6	1297.8	118.51	2.7308	1.744
27.00	1324.8	1302.1	118.52	2.6667	1.755
28.00	1328.6	1305.9	118.54	2.6071	1.765
29.00	1332.1	1309.3	118.56	2.5517	1.774
30.00	1335.2	1312.5	118.58	2.5000	1.783
31.00	1338.2	1315.4	118.59	2.4516	1.791
32.00	1340.8	1318.0	118.61	2.4062	1.798
33.00	1343.1	1320.4	118.63	2.3636	1.804
34.00	1345.4	1322.6	118.63	2.3235	1.810
35.00	1347.3	1324.6	118.66	2.2857	1.815
36.00	1349.3	1326.6	118.69	2.2500	1.821
37.00	1351.1	1328.3	118.71	2.2162	1.825
38.00	1352.7	1329.9	118.73	2.1842	1.830
39.00	1354.2	1331.4	118.75	2.1538	1.834
40.00	1355.6	1332.9	118.78	2.1250	1.838
41.00	1356.9	1334.1	118.73	2.0976	1.841
42.00	1358.1	1335.3	118.81	2.0714	1.844
43.00	1359.1	1336.4	118.83	2.0465	1.847
44.00	1360.2	1337.4	118.85	2.0227	1.850
45.00	1361.1	1338.4	118.86	2.0000	1.853
46.00	1362.1	1339.3	118.89	1.9783	1.855
47.00	1358.7	1336.0	118.91	1.9574	1.846
***** End Shut-in 1					
***** Start Flow 2					
0.00	27.8	0.0	118.83		
1.00	28.5	0.7	118.81		
2.00	28.8	1.0	118.79		
3.00	32.0	4.3	118.77		
4.00	32.4	4.6	118.78		
5.00	32.7	5.0	118.81		
6.00	33.2	5.4	118.84		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10317 DST #3 Dreiling Trust #1-28 Ranken Energy Corp.

DATE: 08/11/97 TIME: 01:47:50

	Time	Pressure	delta P	Temp.	(T+dT)/dT	P ² /10 ⁶
		PSIg	PSIg	DEG F		
***** End Flow 2	7.00	33.7	5.9	118.84		
***** Start Shutin 2	0.00	33.7	0.0	118.84	0.0000	0.001
***** End Shut-in 2	1.00	2090.0	2056.3	119.01	53.0000	4.368
***** Final Hydro.	228.00	2090.0	0.0	119.01		

TEST HISTORY

10317 DST #3 Drilling Trust #1-28 Ranken Energy Corp.

Flag Points

t (Min.)	P (PSig)
A: 0.00	2137.65
B: 0.00	8.45
C: 45.00	22.76
D: 47.00	1358.74
E: 0.00	27.76
F: 7.00	33.69
G: 0.00	2090.01

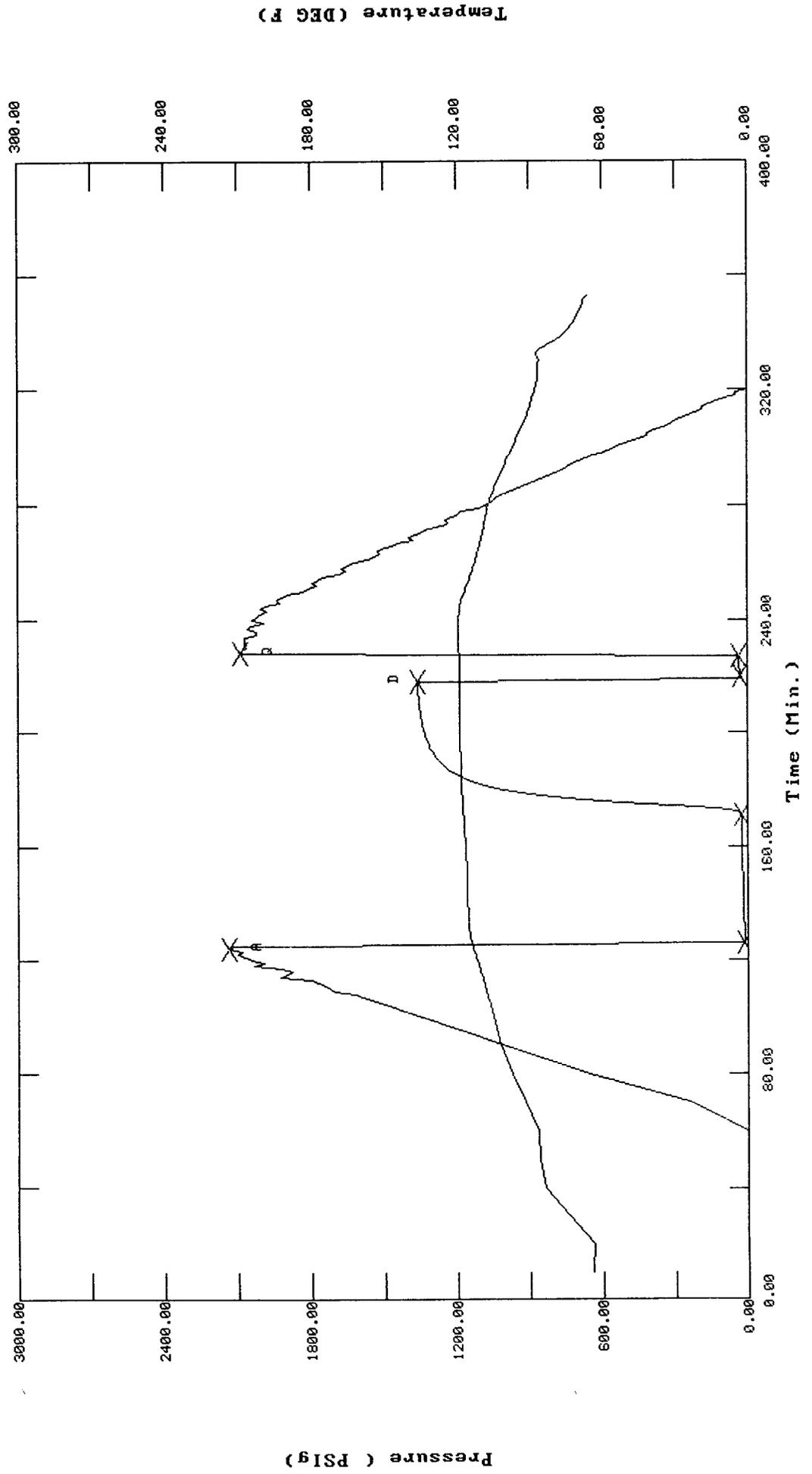
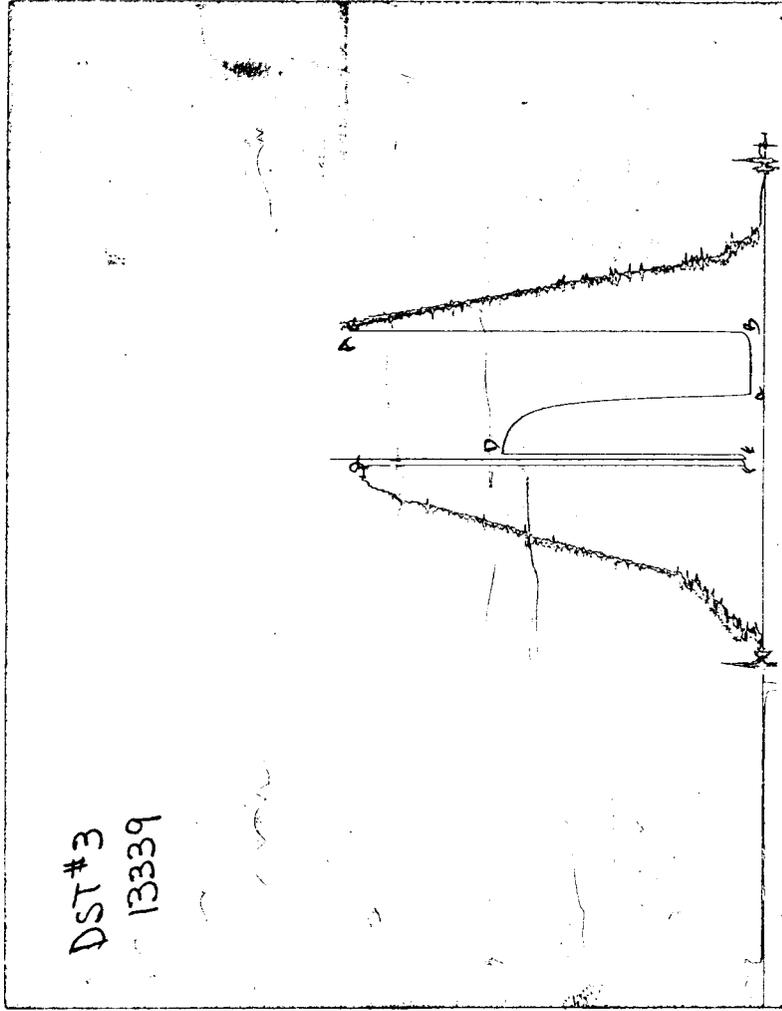


CHART PAGE



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