

WELL NAME: Ruby-Jerry 20-A
COMPANY: Ricks Exploration Inc.
LOCATION: Sec. 20 Twp. 26S Rge. 20W
Edwards County Kansas
DATE: 02/05/97

TRILOBITE TESTING L.L.C.

OPERATOR : Ricks Exploration Inc.

DATE 2/2/97

WELL NAME: Ruby-Jerry 20-A

KB 2263.00 ft

TICKET NO: 9682

DST #1

LOCATION : 20-26s-20w Edwards KS

GR 2253.00 ft

FORMATION: MISS.

INTERVAL : 4780.00 To 4790.00 ft

TD 4790.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	11084	11084	2350			PF Fr. 0656 to 0711 hr
SI 45 Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0711 to 0756 hr
SF 90 Clock(hrs)	12hr.	12hr.	Elec.			SF Fr. 0756 to 0926 hr
FS 120 Depth(ft)	4787.0	4787.0	4785.0	0.0	0.0	FS Fr. 0926 to 1126 hr

	Field	1	2	3	4	
A. Init Hydro	2241.0	2306.0	2256.0	0.0	0.0	T STARTED 0248 hr
B. First Flow	33.0	20.0	20.0	0.0	0.0	T ON BOTM 0530 hr
B1. Final Flow	44.0	20.0	27.0	0.0	0.0	T OPEN 0656 hr
C. In Shut-in	1498.0	1500.0	1503.0	0.0	0.0	T PULLED 1126 hr
D. Init Flow	44.0	44.0	25.0	0.0	0.0	T OUT 1330 hr
E. Final Flow	44.0	32.0	37.0	0.0	0.0	
F. Fl Shut-in	1519.0	1512.0	1531.0	0.0	0.0	
G. Final Hydro	2263.0	2248.0	2269.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 2100.00 lbs
						Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 84000.00 lbs
						Initial Str Wt 70000.00 lbs
						Unseated Str Wt 74000.00 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 0.00 ft
						D.P. Length 4762.00 ft

RECOVERY

Tot Fluid 70.00 ft of 0.00 ft in DC and 70.00 ft in DP
 70.00 ft of 6%gas 24%oil 26%water 44%mud
 0.00 ft of Gassy Oil cut Watery Mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 30000.00 P.P.M. A.P.I. Gravity 39.00

BLOW DESCRIPTION

Initial Flow:

No blow

Initial Shut In:

Final Flow:

Weak blow, built to bottom of bucket
 in 40 mins

Final Shut In:

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	48.00 S/L
W.L.	10.00 in3
F.C.	0.32 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Darren Amerine
Co. Rep.	Randall Trout
Contr.	DUKE
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Ruby-Jerry 20-A

LOCATION : 20-26s-20w Edwards KS

TICKET No. 9682 D.S.T. No. 1 DATE 2/2/97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30'

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 10'

TOTAL TOOL 40'

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 40

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands84 Single Total 4762'

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4802'

TOTAL DEPTH 4790'

TOTAL DRILL PIPE ABOVE K.B. 12'

REMARKS:

SAMPLER RECOVERY

GAS..... 200. ML.
OIL.....3800 ML.
MUD..... ML.
WATER..... ML.
OTHER..... ML.
PRESSURE..... 350 PSI.
TOTAL.....4000 ML.

resistivity---.03--ohms@---55 degrees.
Chlorides---30000-----ppm.
Gravity---39--corrected @ 60 degrees.

P.O. SUB	
C.O. SUB	4750'
S.I. TOOL	4755'
fluid sampler	4758'
HMV	4763'
JARS	4769'
SAFETY JOINT	4771'
PACKER Top	4775'
PACKER Bottom	4780'
DEPTH	
STUBB	
ANCHOR	
Alpine rec.@ 4785	
6' perfs.	4786'
T.C.	
DEPTH	
ak-1 rec @ 4787'	
2'perfs.to	4788'
BULLNOSE 2'bullnose to	4790'
T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
TEST: #9682 Ruby-Jerry 20-A DST#1 Ricks Exploration inc.
DATE: 02/02/97 TIME: 02:48:54

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	249.00	2256.1	0.0	113.83		
***** Start Flow 1	0.00	19.7	0.0	113.83		
	1.00	23.2	3.4	113.82		
	2.00	23.2	3.5	113.82		
	3.00	23.6	3.9	113.82		
	4.00	23.6	3.9	113.83		
	5.00	23.6	3.9	113.85		
	6.00	23.7	4.0	113.87		
	7.00	23.9	4.2	113.91		
	8.00	24.3	4.6	113.94		
	9.00	24.6	4.9	113.98		
	10.00	24.6	4.9	114.03		
	11.00	24.9	5.2	114.07		
	12.00	24.8	5.1	114.13		
	13.00	25.1	5.4	114.18		
	14.00	24.5	4.8	114.25		
***** End Flow 1	15.00	27.0	7.3	114.34		
***** Start Shutin 1	0.00	27.0	0.0	114.34	0.0000	0.001
	1.00	51.2	24.2	114.42	16.0000	0.003
	2.00	65.6	38.6	114.51	8.5000	0.004
	3.00	82.1	55.1	114.60	6.0000	0.007
	4.00	113.9	86.9	114.68	4.7500	0.013
	5.00	184.0	157.0	114.76	4.0000	0.034
	6.00	378.7	351.7	114.85	3.5000	0.143
	7.00	639.5	612.5	114.94	3.1429	0.409
	8.00	778.3	751.2	115.05	2.8750	0.606
	9.00	882.7	855.7	115.15	2.6667	0.779
	10.00	970.3	943.3	115.25	2.5000	0.941
	11.00	1045.4	1018.4	115.34	2.3636	1.093
	12.00	1110.6	1083.6	115.45	2.2500	1.233
	13.00	1166.9	1139.9	115.49	2.1538	1.362
	14.00	1215.8	1188.8	115.56	2.0714	1.478
	15.00	1257.3	1230.3	115.61	2.0000	1.581
	16.00	1292.7	1265.7	115.68	1.9375	1.671
	17.00	1322.7	1295.7	115.72	1.8824	1.750
	18.00	1348.2	1321.2	115.78	1.8333	1.818
	19.00	1369.8	1342.8	115.80	1.7895	1.876
	20.00	1388.3	1361.3	115.82	1.7500	1.927
	21.00	1404.1	1377.1	115.87	1.7143	1.972
	22.00	1417.6	1390.6	115.89	1.6818	2.010
	23.00	1447.6	1420.6	115.93	1.6522	2.095
	24.00	1444.4	1417.4	115.96	1.6250	2.086
	25.00	1450.8	1423.8	115.97	1.6000	2.105
	26.00	1457.7	1430.7	116.02	1.5769	2.125
	27.00	1464.3	1437.3	116.02	1.5556	2.144
	28.00	1470.2	1443.1	116.06	1.5357	2.161
	29.00	1475.7	1448.7	116.06	1.5172	2.178
	30.00	1480.4	1453.4	116.08	1.5000	2.192
	31.00	1484.7	1457.7	116.08	1.4839	2.204
	32.00	1488.6	1461.6	116.11	1.4688	2.216
	33.00	1492.2	1465.2	116.12	1.4545	2.227

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
	34.00	1495.5	1468.5	116.13	1.4412	2.237
	35.00	1498.5	1471.5	116.17	1.4286	2.246
	36.00	1501.1	1474.1	116.17	1.4167	2.253
	37.00	1503.7	1476.7	116.21	1.4054	2.261
	38.00	1506.2	1479.1	116.22	1.3947	2.269
	39.00	1508.3	1481.3	116.23	1.3846	2.275
	40.00	1510.3	1483.3	116.25	1.3750	2.281
	41.00	1512.0	1485.0	116.27	1.3659	2.286
	42.00	1513.7	1486.7	116.29	1.3571	2.291
	43.00	1515.5	1488.5	116.30	1.3488	2.297
***** End Shut-in 1	44.00	1502.7	1475.7	116.32	1.3409	2.258
***** Start Flow 2	0.00	24.8	0.0	116.28		
	1.00	26.4	1.7	116.24		
	2.00	25.8	1.1	116.21		
	3.00	26.5	1.8	116.18		
	4.00	25.3	0.6	116.17		
	5.00	26.1	1.3	116.17		
	6.00	25.8	1.0	116.18		
	7.00	26.2	1.4	116.19		
	8.00	26.1	1.3	116.21		
	9.00	26.5	1.8	116.22		
	10.00	25.3	0.6	116.25		
	11.00	26.0	1.3	116.27		
	12.00	26.0	1.3	116.29		
	13.00	25.9	1.2	116.32		
	14.00	27.4	2.6	116.36		
	15.00	25.6	0.8	116.40		
	16.00	27.9	3.1	116.43		
	17.00	26.9	2.2	116.46		
	18.00	27.9	3.1	116.49		
	19.00	27.4	2.7	116.53		
	20.00	27.2	2.4	116.56		
	21.00	25.7	0.9	116.60		
	22.00	26.6	1.8	116.64		
	23.00	27.3	2.5	116.66		
	24.00	26.4	1.7	116.71		
	25.00	26.5	1.8	116.75		
	26.00	26.8	2.1	116.77		
	27.00	27.5	2.8	116.81		
	28.00	28.4	3.6	116.85		
	29.00	28.8	4.0	116.88		
	30.00	29.2	4.4	116.91		
	31.00	30.0	5.2	116.95		
	32.00	29.9	5.1	116.99		
	33.00	29.6	4.9	117.03		
	34.00	28.7	3.9	117.05		
	35.00	30.0	5.2	117.09		
	36.00	30.6	5.9	117.12		
	37.00	32.5	7.7	117.14		
	38.00	30.5	5.8	117.17		
	39.00	31.6	6.9	117.20		

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40.00	31.3	6.5	117.24		
41.00	31.0	6.3	117.27		
42.00	31.7	7.0	117.31		
43.00	30.7	6.0	117.34		
44.00	29.5	4.7	117.38		
45.00	31.0	6.2	117.41		
46.00	30.1	5.4	117.45		
47.00	29.7	5.0	117.47		
48.00	31.4	6.6	117.51		
49.00	32.6	7.9	117.53		
50.00	31.7	7.0	117.56		
51.00	32.1	7.4	117.58		
52.00	33.0	8.2	117.62		
53.00	32.2	7.5	117.65		
54.00	34.6	9.8	117.67		
55.00	33.6	8.8	117.70		
56.00	34.7	10	117.73		
57.00	33.9	9.1	117.75		
58.00	33.5	8.7	117.77		
59.00	33.5	8.7	117.80		
60.00	33.1	8.4	117.82		
61.00	32.8	8.1	117.84		
62.00	31.2	6.5	117.87		
63.00	33.0	8.2	117.90		
64.00	34.4	9.7	117.92		
65.00	34.7	9.9	117.95		
66.00	35.2	10.4	117.97		
67.00	34.0	9.2	118.00		
68.00	35.2	10.4	118.03		
69.00	33.6	8.9	118.06		
70.00	35.3	10.6	118.08		
71.00	34.1	9.3	118.09		
72.00	34.7	9.9	118.10		
73.00	34.7	9.9	118.10		
74.00	35.1	10.3	118.09		
75.00	34.5	9.7	118.07		
76.00	35.0	10.2	118.02		
77.00	35.2	10.5	117.95		
78.00	35.1	10.3	117.89		
79.00	35.1	10.3	117.84		
80.00	35.2	10.5	117.80		
81.00	35.7	11.0	117.76		
82.00	36.3	11.6	117.73		
83.00	35.8	11.1	117.71		
84.00	36.3	11.6	117.70		
85.00	36.3	11.6	117.68		
86.00	35.6	10.8	117.67		
87.00	35.7	10.9	117.67		
88.00	36.2	11.4	117.68		
89.00	36.3	11.6	117.67		
90.00	36.9	12.2	117.68		

***** End Flow 2

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Start Shutin 2	0.00	36.9	0.0	117.68	0.0000	0.001
	1.00	55.3	18.4	117.66	106.0000	0.003
	2.00	69.4	32.5	117.69	53.5000	0.005
	3.00	82.9	46.0	117.71	36.0000	0.007
	4.00	98.9	62.0	117.74	27.2500	0.01
	5.00	121.9	84.9	117.79	22.0000	0.015
	6.00	140.4	103.5	117.83	18.5000	0.020
	7.00	158.0	121.1	117.88	16.0000	0.025
	8.00	178.1	141.2	117.93	14.1250	0.032
	9.00	207.0	170.1	117.99	12.6667	0.043
	10.00	234.5	197.6	118.04	11.5000	0.055
	11.00	259.0	222.1	118.10	10.5455	0.067
	12.00	284.4	247.5	118.15	9.7500	0.081
	13.00	314.0	277.0	118.21	9.0769	0.099
	14.00	347.7	310.8	118.27	8.5000	0.121
	15.00	385.9	349.0	118.32	8.0000	0.149
	16.00	431.0	394.0	118.38	7.5625	0.186
	17.00	482.5	445.6	118.44	7.1765	0.233
	18.00	538.5	501.6	118.50	6.8333	0.290
	19.00	599.2	562.2	118.55	6.5263	0.359
	20.00	662.1	625.2	118.61	6.2500	0.438
	21.00	724.5	687.6	118.66	6.0000	0.525
	22.00	784.7	747.8	118.72	5.7727	0.616
	23.00	837.7	800.8	118.79	5.5652	0.702
	24.00	885.1	848.2	118.84	5.3750	0.783
	25.00	930.6	893.7	118.88	5.2000	0.866
	26.00	981.1	944.2	118.94	5.0385	0.963
	27.00	1034.7	997.8	118.99	4.8889	1.071
	28.00	1084.2	1047.3	119.05	4.7500	1.175
	29.00	1123.4	1086.5	119.10	4.6207	1.262
	30.00	1159.5	1122.6	119.13	4.5000	1.345
	31.00	1191.6	1154.7	119.18	4.3871	1.420
	32.00	1220.1	1183.1	119.23	4.2812	1.489
	33.00	1245.8	1208.9	119.27	4.1818	1.552
	34.00	1269.1	1232.2	119.31	4.0882	1.611
	35.00	1289.8	1252.9	119.35	4.0000	1.664
	36.00	1308.8	1271.8	119.38	3.9167	1.713
	37.00	1325.0	1288.1	119.40	3.8378	1.756
	38.00	1339.5	1302.6	119.43	3.7632	1.794
	39.00	1352.7	1315.8	119.45	3.6923	1.830
	40.00	1367.9	1331.0	119.47	3.6250	1.871
	41.00	1382.8	1345.9	119.50	3.5610	1.912
	42.00	1394.8	1357.9	119.50	3.5000	1.945
	43.00	1405.2	1368.3	119.55	3.4419	1.975
	44.00	1414.3	1377.4	119.60	3.3864	2.000
	45.00	1422.6	1385.6	119.58	3.3333	2.024
	46.00	1430.0	1393.0	119.57	3.2826	2.045
	47.00	1436.8	1399.9	119.59	3.2340	2.064
	48.00	1442.7	1405.8	119.61	3.1875	2.081
	49.00	1448.4	1411.5	119.62	3.1429	2.098
	50.00	1453.5	1416.5	119.63	3.1000	2.113

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51.00	1458.2	1421.2	119.64	3.0588	2.126
52.00	1462.3	1425.4	119.66	3.0192	2.138
53.00	1466.5	1429.5	119.66	2.9811	2.151
54.00	1470.1	1433.2	119.68	2.9444	2.161
55.00	1473.7	1436.8	119.67	2.9091	2.172
56.00	1476.9	1439.9	119.70	2.8750	2.181
57.00	1479.6	1442.7	119.69	2.8421	2.189
58.00	1482.4	1445.5	119.71	2.8103	2.198
59.00	1484.9	1448.0	119.71	2.7797	2.205
60.00	1487.4	1450.4	119.73	2.7500	2.212
61.00	1489.6	1452.7	119.73	2.7213	2.219
62.00	1491.6	1454.7	119.74	2.6935	2.225
63.00	1493.7	1456.8	119.75	2.6667	2.231
64.00	1495.6	1458.7	119.76	2.6406	2.237
65.00	1497.3	1460.4	119.77	2.6154	2.242
66.00	1499.0	1462.1	119.76	2.5909	2.247
67.00	1500.5	1463.6	119.78	2.5672	2.252
68.00	1502.0	1465.1	119.78	2.5441	2.256
69.00	1503.4	1466.5	119.81	2.5217	2.260
70.00	1504.7	1467.8	119.81	2.5000	2.264
71.00	1506.0	1469.1	119.80	2.4789	2.268
72.00	1507.2	1470.2	119.81	2.4583	2.272
73.00	1508.3	1471.4	119.83	2.4384	2.275
74.00	1509.4	1472.5	119.82	2.4189	2.278
75.00	1510.4	1473.5	119.83	2.4000	2.281
76.00	1511.4	1474.5	119.85	2.3816	2.284
77.00	1512.3	1475.4	119.85	2.3636	2.287
78.00	1513.4	1476.5	119.85	2.3462	2.290
79.00	1514.2	1477.3	119.87	2.3291	2.293
80.00	1515.0	1478.1	119.88	2.3125	2.295
81.00	1515.8	1478.9	119.89	2.2963	2.298
82.00	1516.5	1479.6	119.89	2.2805	2.300
83.00	1517.2	1480.3	119.90	2.2651	2.302
84.00	1517.8	1480.9	119.91	2.2500	2.304
85.00	1518.4	1481.5	119.92	2.2353	2.306
86.00	1519.2	1482.2	119.93	2.2209	2.308
87.00	1519.8	1482.8	119.95	2.2069	2.310
88.00	1520.3	1483.3	120.26	2.1932	2.311
89.00	1520.8	1483.9	120.03	2.1798	2.313
90.00	1521.4	1484.5	120.02	2.1667	2.315
91.00	1521.9	1485.0	119.96	2.1538	2.316
92.00	1522.4	1485.5	119.82	2.1413	2.318
93.00	1523.1	1486.2	119.73	2.1290	2.320
94.00	1523.5	1486.6	119.65	2.1170	2.321
95.00	1523.9	1486.9	119.92	2.1053	2.322
96.00	1524.4	1487.5	119.97	2.0938	2.324
97.00	1524.7	1487.8	119.98	2.0825	2.325
98.00	1525.0	1488.1	119.99	2.0714	2.326
99.00	1525.5	1488.5	120.00	2.0606	2.327
100.00	1525.8	1488.9	120.01	2.0500	2.328
101.00	1526.1	1489.2	120.02	2.0396	2.329

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: #9682 Ruby-Jerry 20-A DST#1 Ricks Exploration inc.

DATE: 02/02/97 TIME: 02:48:54

	Time	Pressure PSig	delta PSig	P	Temp. DEG F	(T+dT)/dT	P^2/10^6
	102.00	1526.5	1489.6		120.03	2.0294	2.330
	103.00	1526.8	1489.9		120.04	2.0194	2.331
	104.00	1527.1	1490.2		120.04	2.0096	2.332
	105.00	1527.6	1490.6		120.05	2.0000	2.333
	106.00	1527.8	1490.9		120.05	1.9906	2.334
	107.00	1528.1	1491.1		120.07	1.9813	2.335
	108.00	1528.3	1491.4		120.07	1.9722	2.336
	109.00	1528.6	1491.6		120.08	1.9633	2.337
	110.00	1528.8	1491.9		120.08	1.9545	2.337
	111.00	1529.1	1492.2		120.09	1.9459	2.338
	112.00	1529.3	1492.4		120.10	1.9375	2.339
	113.00	1529.6	1492.7		120.10	1.9292	2.340
	114.00	1530.0	1493.1		120.12	1.9211	2.341
	115.00	1530.1	1493.2		120.12	1.9130	2.341
	116.00	1530.3	1493.4		120.13	1.9052	2.342
	117.00	1530.5	1493.6		120.13	1.8974	2.342
	118.00	1530.7	1493.7		120.14	1.8898	2.343
***** End Shut-in 2	119.00	1530.8	1493.9		120.15	1.8824	2.343
***** Final Hydro.	521.00	2268.8	0.0		120.28		

TEST HISTORY

#9682 Ruby-Jerry 20-A DST#1 Ricks Exploration inc.

Flag Points

t(Min.) P(PSig)

A: 0.00 2256.06
 B: 0.00 19.71
 C: 15.00 27.02
 D: 44.00 1502.72
 E: 0.00 24.75
 F: 90.00 36.92
 G: 119.00 1530.83
 Q: 0.00 2268.81

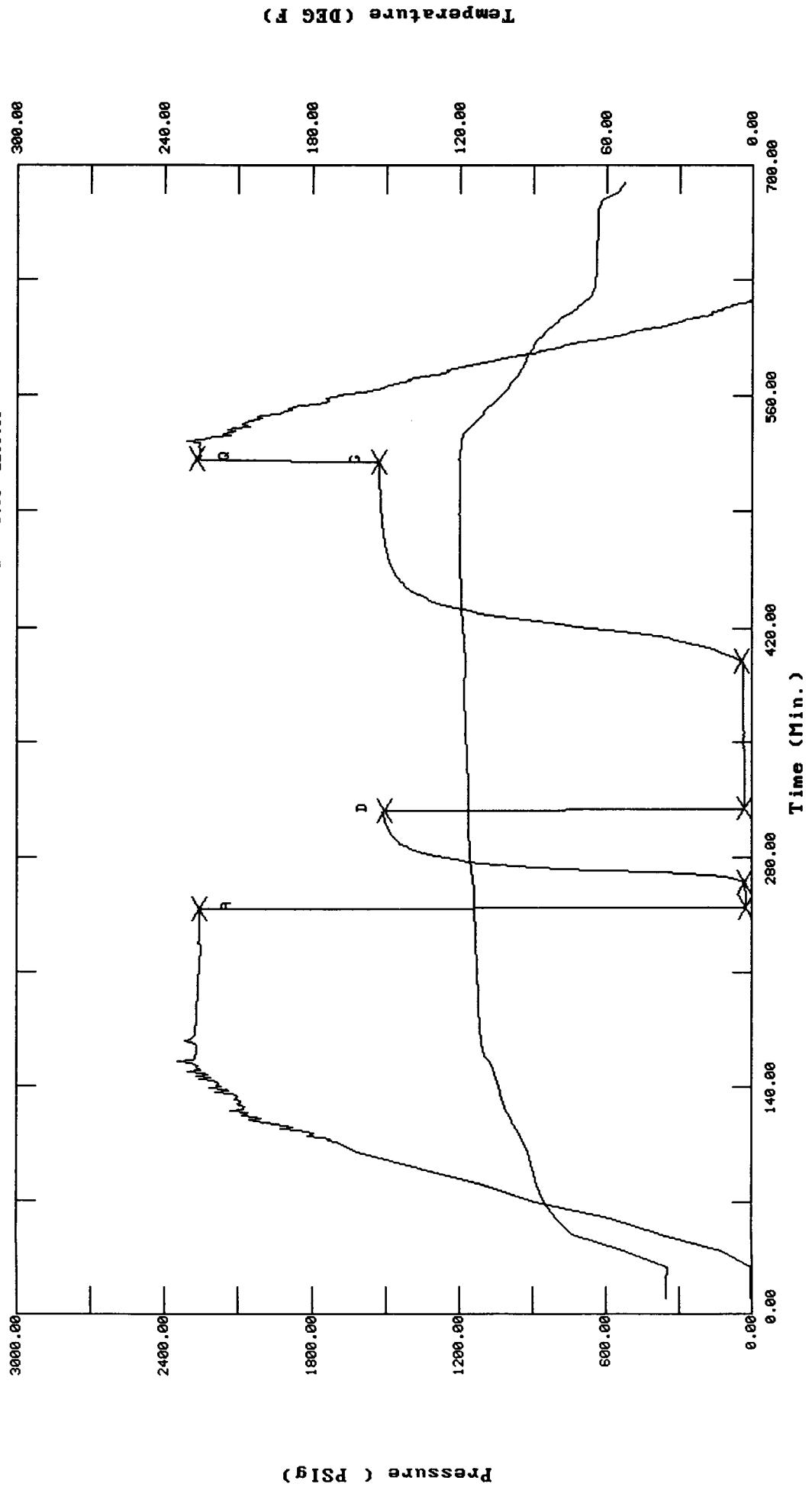
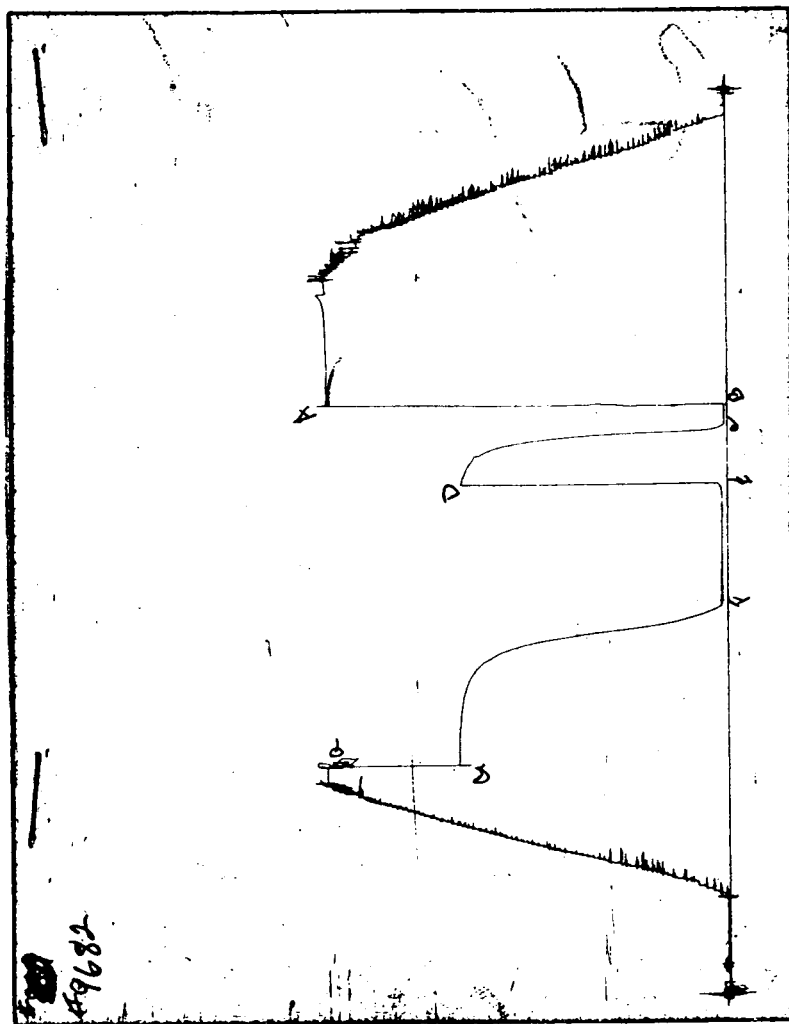


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. #86 Date 2/2/97
Company Name Ricks Exploration
Lease Ruby-Gerry #20-A Test No. #1 Miss.
County Edwards Sec. 20 Twp. 26^S Rng. 20^W

SAMPLER RECOVERY

Gas 200 ML
Oil ~~200~~ 3800 ML
Mud 3 ML
Water 3 ML
Other 3 ML
Pressure 350 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 4,000 ppm.
Resistivity .2 ohms @ 60° F
Viscosity 48
Mud Weight 9.2⁺
Filtrate 8.6
Other None

SAMPLER ANALYSIS

Resistivity .03 ohms @ 55 F
Chlorides 30,000 ppm.
Gravity 39 corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity .03 ohms @ 55 F
Chlorides 30,000 ppm.

MIDDLE
Resistivity .03 ohms @ 55 F
Chlorides 30,000 ppm.

BOTTOM
Resistivity .03 ohms @ 55 F
Chlorides 30,000 ppm.

TRILOBITE TESTING L.L.C.

OPERATOR : Ricks Exploration Inc.
WELL NAME: Ruby-Jerry 20-A
LOCATION : 20-26s-20w Edwards KS
INTERVAL : 4780.00 To 4790.00 ft

DATE 2/2/97
KB 2263.00 ft TICKET NO: 9682 DST #1
GR 2253.00 ft FORMATION: MISS.
TD 4790.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	11084	11084	2350			PF Fr. 0656 to 0711 hr
SI 45 Range(Psi)	4300.0	4300.0	4995.0	0.0	0.0	IS Fr. 0711 to 0756 hr
SF 90 Clock(hrs)	12hr.	12hr.	Elec.			SF Fr. 0756 to 0926 hr
FS 120 Depth(ft)	4787.0	4787.0	4785.0	0.0	0.0	FS Fr. 0926 to 1126 hr

	Field	1	2	3	4	
A. Init Hydro	2241.0	2306.0	2256.0	0.0	0.0	T STARTED 0248 hr
B. First Flow	33.0	20.0	20.0	0.0	0.0	T ON BOTM 0530 hr
B1. Final Flow	44.0	20.0	27.0	0.0	0.0	T OPEN 0656 hr
C. In Shut-in	1498.0	1500.0	1503.0	0.0	0.0	T PULLED 1126 hr
D. Init Flow	44.0	44.0	25.0	0.0	0.0	T OUT 1330 hr
E. Final Flow	44.0	32.0	37.0	0.0	0.0	
F. Fl Shut-in	1519.0	1512.0	1531.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2263.0	2248.0	2269.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 84000.00 lbs
						Initial Str Wt 70000.00 lbs
						Unseated Str Wt 74000.00 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 0.00 ft
						D.P. Length 4762.00 ft

RECOVERY

Tot Fluid 70.00 ft of 0.00 ft in DC and 70.00 ft in DP
70.00 ft of 6%gas 24%oil 26%water 44%mud
0.00 ft of Gassy Oil cut Watery Mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of

SALINITY 30000.00 P.P.M. A.P.I. Gravity 39.00

BLOW DESCRIPTION

Initial Flow:
No blow

Initial Shut In:

Final Flow:

Weak blow, built to bottom of bucket
in 40 mins

Final Shut In:

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	48.00 S/L
W.L.	10.00 in3
F.C.	0.32 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	GOOD
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Darren Amerine
Co. Rep.	Randall Trout
Contr.	DUKE
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Ruby-Jerry 20-A

LOCATION : 20-26s-20w Edwards KS

TICKET No. 9682 D.S.T. No. 2 DATE 2/3/97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30'

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 22'

TOTAL TOOL 52'

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 52

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands76 Single 1 Total 4791'

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4843'

TOTAL DEPTH 4822'

TOTAL DRILL PIPE ABOVE K.B. 21'

REMARKS:

SAMPLER RECOVERY

GAS..... 0. ML.
OIL..... 00 ML.
MUD..... ML.
WATER.....4000 ML.
OTHER..... ML.
PRESSURE..... 250 PSI.
TOTAL.....4000 ML.
resistivity----.2 --ohms@----57 degrees.
Chlorides---40000-----ppm.

P.O. SUB	
C.O. SUB	4770'
S.I. TOOL 5'	4775'
3' fluid sampler	4778'
HMV 5'	4783
JARS	4789'
SAFETY JOINT	4791'
PACKER Top	4795'
PACKER Bottom	4800'
DEPTH	
STUBB	
ANCHOR	
Alpine rec.@ 4805	
20'perfs. to	4820'
T.C.	
DEPTH	
Ak-1 rec @ 4819	
BULLNOSE 2'bullnose to	4822'
T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: #9683 Ruby-Jerry 20-A DST#2 Ricks Exploration inc.

DATE: 02/03/97 TIME: 03:53:13

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	191.00	2331.4	0.0	110.31		
***** Start Flow 1	0.00	42.7	0.0	110.47		
	1.00	48.0	5.3	110.81		
	2.00	52.9	10.2	111.26		
	3.00	58.0	15.3	111.74		
	4.00	63.2	20.5	112.22		
	5.00	68.1	25.4	112.71		
	6.00	65.9	23.2	113.27		
	7.00	70.3	27.6	113.88		
	8.00	74.6	31.9	114.50		
	9.00	79.6	36.8	115.07		
	10.00	83.9	41.2	115.51		
	11.00	87.9	45.2	115.89		
	12.00	91.9	49.2	116.20		
	13.00	96.4	53.7	116.44		
	14.00	100.5	57.8	116.61		
***** End Flow 1	15.00	104.3	61.6	116.76		
***** Start Shutin 1	0.00	104.3	0.0	116.76	0.0000	0.011
	1.00	1024.9	920.6	116.96	16.0000	1.050
	2.00	1255.2	1150.9	117.17	8.5000	1.576
	3.00	1317.9	1213.6	117.36	6.0000	1.737
	4.00	1352.7	1248.3	117.53	4.7500	1.830
	5.00	1376.1	1271.8	117.70	4.0000	1.894
	6.00	1393.2	1288.9	117.86	3.5000	1.941
	7.00	1406.6	1302.3	118.02	3.1429	1.979
	8.00	1417.3	1313.0	118.18	2.8750	2.009
	9.00	1426.3	1322.0	118.32	2.6667	2.034
	10.00	1434.2	1329.9	118.45	2.5000	2.057
	11.00	1440.8	1336.5	118.57	2.3636	2.076
	12.00	1446.6	1342.3	118.68	2.2500	2.093
	13.00	1451.9	1347.5	118.78	2.1538	2.108
	14.00	1456.5	1352.2	118.87	2.0714	2.121
	15.00	1460.5	1356.2	118.94	2.0000	2.133
	16.00	1464.4	1360.1	119.03	1.9375	2.144
	17.00	1467.7	1363.4	119.10	1.8824	2.154
	18.00	1470.9	1366.6	119.17	1.8333	2.164
	19.00	1473.8	1369.5	119.23	1.7895	2.172
	20.00	1476.5	1372.2	119.29	1.7500	2.180
	21.00	1478.9	1374.6	119.35	1.7143	2.187
	22.00	1481.2	1376.9	119.40	1.6818	2.194
	23.00	1483.3	1379.0	119.44	1.6522	2.200
	24.00	1485.4	1381.1	119.48	1.6250	2.207
	25.00	1487.2	1382.9	119.53	1.6000	2.212
	26.00	1489.0	1384.6	119.57	1.5769	2.217
	27.00	1490.6	1386.3	119.61	1.5556	2.222
	28.00	1492.1	1387.8	119.65	1.5357	2.226
	29.00	1493.6	1389.3	119.69	1.5172	2.231
	30.00	1495.1	1390.8	119.70	1.5000	2.235
	31.00	1496.3	1391.9	119.75	1.4839	2.239
	32.00	1497.6	1393.3	119.78	1.4688	2.243
	33.00	1498.8	1394.5	119.80	1.4545	2.246

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: #9683 Ruby-Jerry 20-A DST#2 Ricks Exploration inc.

DATE: 02/03/97

TIME: 03:53:13

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	34.00	1499.9	1395.6	119.83	1.4412	2.250
	35.00	1501.0	1396.6	119.87	1.4286	2.253
	36.00	1502.1	1397.8	119.89	1.4167	2.256
	37.00	1503.1	1398.8	119.91	1.4054	2.259
	38.00	1504.0	1399.7	119.94	1.3947	2.262
	39.00	1504.8	1400.5	119.97	1.3846	2.264
	40.00	1505.7	1401.3	119.95	1.3750	2.267
	41.00	1506.5	1402.2	119.98	1.3659	2.270
	42.00	1507.3	1402.9	120.00	1.3571	2.272
	43.00	1508.2	1403.9	120.01	1.3488	2.275
***** End Shut-in 1	44.00	1508.8	1404.5	120.03	1.3409	2.277
***** Start Flow 2	0.00	110.9	0.0	120.03		
	1.00	114.9	3.9	120.02		
	2.00	119.4	8.5	120.07		
	3.00	124.0	13.1	120.15		
	4.00	128.1	17.2	120.27		
	5.00	132.2	21.2	120.40		
	6.00	136.5	25.6	120.53		
	7.00	140.3	29.4	120.67		
	8.00	144.2	33.2	120.80		
	9.00	148.2	37.3	120.97		
	10.00	151.9	41.0	121.16		
	11.00	155.7	44.7	121.38		
	12.00	159.4	48.4	121.60		
	13.00	163.3	52.4	121.81		
	14.00	166.6	55.6	122.02		
	15.00	169.9	59.0	122.21		
	16.00	173.2	62.3	122.37		
	17.00	177.0	66.1	122.55		
	18.00	180.4	69.4	122.72		
	19.00	183.7	72.8	122.88		
	20.00	187.0	76.0	123.02		
	21.00	190.8	79.8	123.18		
	22.00	194.1	83.2	123.31		
	23.00	197.6	86.6	123.43		
	24.00	200.7	89.8	123.55		
	25.00	204.4	93.4	123.67		
	26.00	207.9	96.9	123.77		
	27.00	211.0	100.0	123.87		
	28.00	214.3	103.3	123.96		
	29.00	217.4	106.5	124.04		
	30.00	221.1	110.1	124.13		
	31.00	224.3	113.4	124.21		
	32.00	227.2	116.2	124.28		
	33.00	230.4	119.4	124.36		
	34.00	234.0	123.0	124.44		
	35.00	237.0	126.1	124.51		
	36.00	240.0	129.1	124.58		
	37.00	243.0	132.1	124.67		
	38.00	246.2	135.2	124.74		
	39.00	249.3	138.3	124.83		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: #9683 Ruby-Jerry 20-A DST#2 Ricks Exploration inc.

DATE: 02/03/97 TIME: 03:53:13

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
40.00	251.9	141.0	124.90		
41.00	254.6	143.7	124.98		
42.00	257.2	146.3	125.05		
43.00	259.9	149.0	125.12		
44.00	263.2	152.2	125.20		
45.00	266.1	155.2	125.27		
46.00	269.1	158.1	125.33		
47.00	271.9	161.0	125.40		
48.00	275.0	164.1	125.46		
49.00	278.3	167.4	125.51		
50.00	281.3	170.4	125.56		
51.00	284.3	173.3	125.61		
52.00	287.0	176.1	125.66		
53.00	290.5	179.5	125.70		
54.00	293.3	182.4	125.75		
55.00	296.1	185.1	125.79		
56.00	298.9	188.0	125.84		
57.00	301.7	190.8	125.87		
58.00	305.1	194.1	125.93		
59.00	307.3	196.4	125.98		
60.00	309.9	199.0	126.00		
61.00	312.3	201.3	126.07		
62.00	314.8	203.9	126.10		
63.00	317.3	206.4	126.13		
64.00	320.5	209.6	126.18		
65.00	323.2	212.3	126.22		
66.00	326.0	215.0	126.26		
67.00	328.4	217.5	126.29		
68.00	331.2	220.2	126.31		
69.00	334.4	223.4	126.33		
70.00	337.0	226.1	126.37		
71.00	339.9	229.0	126.40		
72.00	342.4	231.5	126.42		
73.00	344.9	234.0	126.46		
74.00	348.0	237.1	126.48		
75.00	350.7	239.8	126.51		
76.00	353.4	242.5	126.55		
77.00	356.0	245.1	126.57		
78.00	358.7	247.8	126.61		
79.00	361.9	250.9	126.65		
80.00	364.5	253.5	126.68		
81.00	367.3	256.3	126.71		
82.00	369.8	258.8	126.74		
83.00	372.4	261.4	126.77		
84.00	375.6	264.6	126.80		
85.00	378.0	267.1	126.82		
86.00	380.6	269.7	126.85		
87.00	383.2	272.3	126.88		
88.00	385.8	274.9	126.91		
89.00	388.5	277.5	126.94		
90.00	391.4	280.5	126.97		

***** End Flow 2

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: #9683 Ruby-Jerry 20-A DST#2 Ricks Exploration inc.

DATE: 02/03/97

TIME: 03:53:13

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Start Shutin 2	0.00	391.4	0.0	126.97	0.0000	0.153
	1.00	685.4	294.0	127.00	106.0000	0.470
	2.00	1125.9	734.5	127.05	53.5000	1.268
	3.00	1236.3	844.9	127.13	36.0000	1.529
	4.00	1278.5	887.1	127.18	27.2500	1.635
	5.00	1302.7	911.3	127.26	22.0000	1.697
	6.00	1320.6	929.2	127.33	18.5000	1.744
	7.00	1334.6	943.2	127.38	16.0000	1.781
	8.00	1345.3	953.8	127.43	14.1250	1.810
	9.00	1354.3	962.8	127.47	12.6667	1.834
	10.00	1361.8	970.4	127.49	11.5000	1.855
	11.00	1368.5	977.1	127.52	10.5455	1.873
	12.00	1374.5	983.0	127.53	9.7500	1.889
	13.00	1379.8	988.4	127.55	9.0769	1.904
	14.00	1384.6	993.2	127.56	8.5000	1.917
	15.00	1389.2	997.8	127.56	8.0000	1.930
	16.00	1393.3	1001.8	127.56	7.5625	1.941
	17.00	1397.1	1005.6	127.57	7.1765	1.952
	18.00	1400.6	1009.1	127.56	6.8333	1.962
	19.00	1403.9	1012.5	127.57	6.5263	1.971
	20.00	1407.0	1015.6	127.54	6.2500	1.980
	21.00	1410.1	1018.6	127.51	6.0000	1.988
	22.00	1412.9	1021.5	127.50	5.7727	1.996
	23.00	1415.5	1024.1	127.46	5.5652	2.004
	24.00	1418.0	1026.5	127.43	5.3750	2.011
	25.00	1420.5	1029.0	127.41	5.2000	2.018
	26.00	1422.7	1031.3	127.37	5.0385	2.024
	27.00	1424.8	1033.4	127.34	4.8889	2.030
	28.00	1426.9	1035.5	127.31	4.7500	2.036
	29.00	1428.9	1037.5	127.27	4.6207	2.042
	30.00	1430.8	1039.4	127.22	4.5000	2.047
	31.00	1432.6	1041.2	127.15	4.3871	2.052
	32.00	1434.4	1043.0	127.16	4.2812	2.058
	33.00	1436.2	1044.7	127.12	4.1818	2.063
	34.00	1437.8	1046.3	127.09	4.0882	2.067
	35.00	1439.3	1047.8	127.05	4.0000	2.071
	36.00	1440.8	1049.3	127.03	3.9167	2.076
	37.00	1442.2	1050.8	127.00	3.8378	2.080
	38.00	1443.6	1052.1	126.97	3.7632	2.084
	39.00	1445.1	1053.6	126.93	3.6923	2.088
	40.00	1446.4	1055.0	126.91	3.6250	2.092
	41.00	1447.6	1056.1	126.88	3.5610	2.095
	42.00	1448.8	1057.4	126.86	3.5000	2.099
	43.00	1450.2	1058.7	126.81	3.4419	2.103
	44.00	1451.4	1059.9	126.80	3.3864	2.106
	45.00	1452.4	1061.0	126.77	3.3333	2.110
	46.00	1453.5	1062.1	126.77	3.2826	2.113
	47.00	1454.5	1063.1	126.74	3.2340	2.116
	48.00	1455.6	1064.2	126.72	3.1875	2.119
	49.00	1456.6	1065.1	126.69	3.1429	2.122
	50.00	1457.7	1066.3	126.69	3.1000	2.125

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: #9683 Ruby-Jerry 20-A DST#2 Ricks Exploration inc.

DATE: 02/03/97

TIME: 03:53:13

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	51.00	1458.6	1067.1	126.66	3.0588	2.127
	52.00	1459.7	1068.2	126.65	3.0192	2.131
	53.00	1460.4	1069.0	126.63	2.9811	2.133
	54.00	1461.3	1069.9	126.61	2.9444	2.136
	55.00	1462.3	1070.9	126.62	2.9091	2.138
	56.00	1463.1	1071.7	126.59	2.8750	2.141
	57.00	1463.9	1072.5	126.57	2.8421	2.143
	58.00	1464.8	1073.4	126.55	2.8103	2.146
	59.00	1465.6	1074.2	126.54	2.7797	2.148
***** End Shut-in 2	60.00	1466.4	1074.9	126.54	2.7500	2.150
***** Final Hydro.	405.00	2263.3	0.0	126.47		

TEST HISTORY

#9683 Ruby-Jerry 20-A DST#2 Ricks Exploration inc.

Flag Points

t (Min.) PC PSig

A:	0.00	2331.42
B:	0.00	42.71
C:	15.00	104.31
D:	44.00	1508.85
E:	0.00	110.94
F:	90.00	391.43
G:	60.00	1466.38
Q:	0.00	2263.27

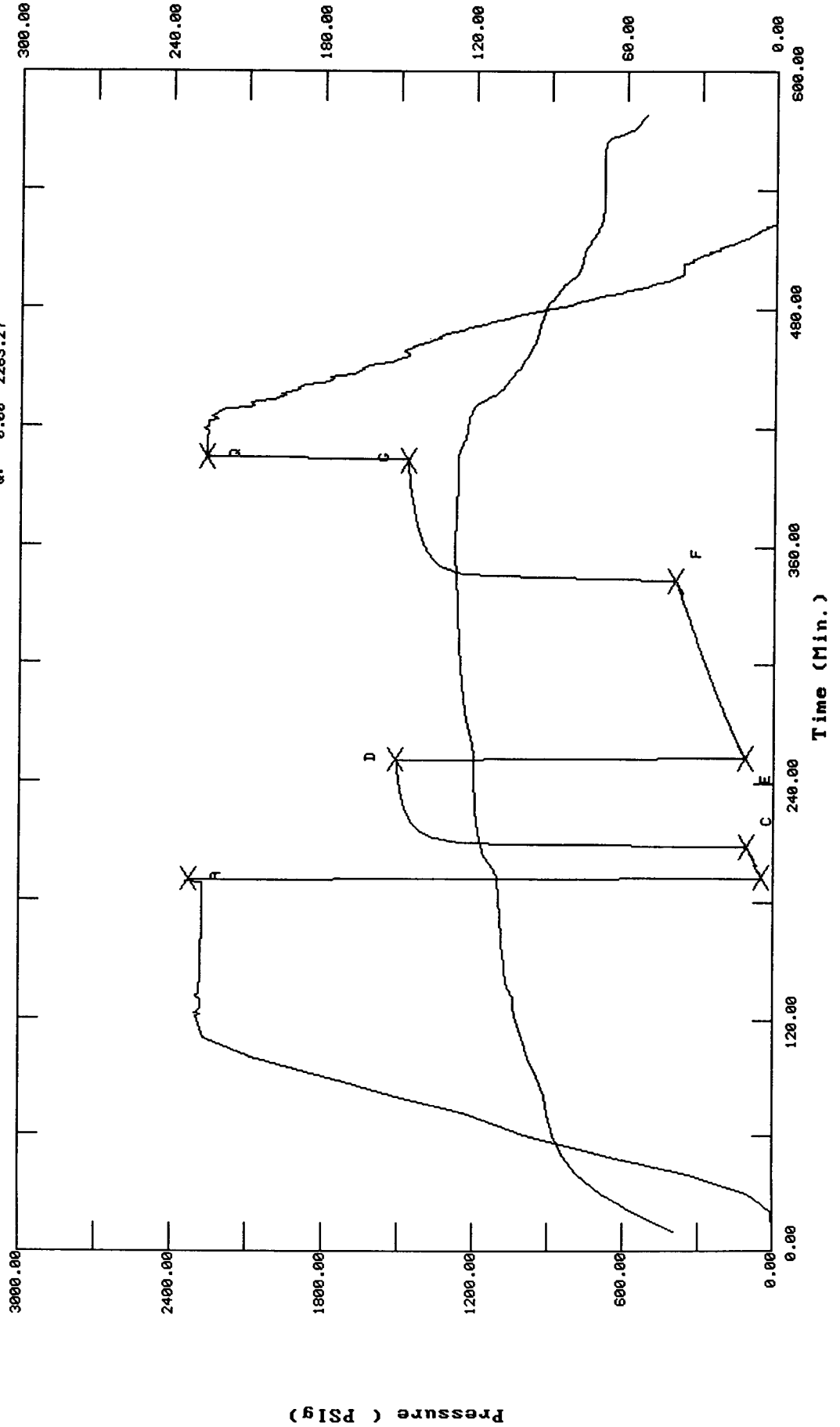
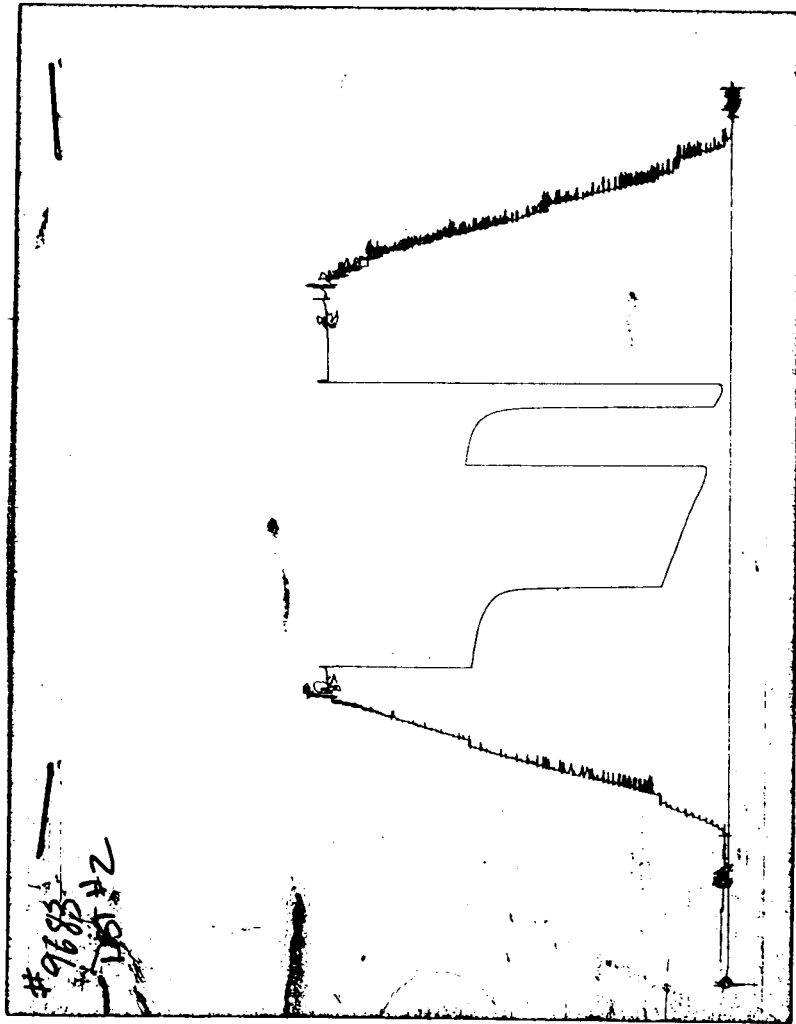


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 - Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 9683 Date 2/3/97
Company Name Rick's Exploration Inc.
Lease Ruby - Jerry #20-A Test No. 3
County Edwards Co. KS Sec. 20 Twp. 26S Rng. 20W

SAMPLER RECOVERY

Gas N/A ML
Oil N/A ML
Mud Trace ML
Water 4000 ML
Other ML
Pressure 250 PSI
Total 4000 ML

PIT MUD ANALYSIS

Chlorides 5,000 ppm.
Resistivity .02 ohms @ 60 F
Viscosity 46
Mud Weight 9.2
Filtrate Trace
Other

SAMPLER ANALYSIS

Resistivity .2 ohms @ 57° F
Chlorides 45,000 ppm.
Gravity corrected @ 60 F

PIPE RECOVERY

TOP
Resistivity .04 ohms @ 56° F
Chlorides 30,000 ppm.

MIDDLE
Resistivity .2 ohms @ 60° F
Chlorides 40,000 ppm.

BOTTOM
Resistivity .2 ohms @ 61° F
Chlorides 40,000 ppm.

