

**Well Name:** Alameda #1-2  
**Company:** KC Resources Inc.  
**Location:** 22-28s-7w  
Kingman County Kansas  
**Date:** 11-5-98

TRILOBITE TESTING L.L.C.

OPERATOR : KC Resources Inc. DATE 11-01-98  
 WELL NAME: Alameda #1-2 KB 1591.00 ft TICKET NO: 11564 DST #1  
 LOCATION : 22-28s-07w Kingman co KS GR 1581.00 ft FORMATION: Miss.  
 INTERVAL : 4002.00 To 4012.00 ft TD 4012.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 1200 to 1230 hr
SI 60	Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1230 to 1330 hr
SF 45	Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 1330 to 1415 hr
FS 90	Depth(ft )	4009.0	4009.0	4007.0	0.0	0.0	FS Fr. 1415 to 1545 hr

	Field	1	2	3	4	
A. Init Hydro	2052.0	1999.0	1990.0	0.0	0.0	T STARTED 0927 hr
B. First Flow	60.0	73.0	39.0	0.0	0.0	T ON BOTM 1155 hr
B1. Final Flow	164.0	167.0	156.0	0.0	0.0	T OPEN 1200 hr
C. In Shut-in	1325.0	1316.0	1312.0	0.0	0.0	T PULLED 1548 hr
D. Init Flow	184.0	195.0	172.0	0.0	0.0	T OUT 1750 hr
E. Final Flow	254.0	256.0	247.0	0.0	0.0	
F. Fl Shut-in	1325.0	1300.0	1305.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2029.0	1999.0	1941.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 74000.00 lbs
						Initial Str Wt 66000.00 lbs
						Unseated Str Wt 67000.00 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 435.00 ft
						D.P. Length 3548.00 ft

RECOVERY

Tot Fluid 517.00 ft of 435.00 ft in DC and 82.00 ft in DP  
 82.00 ft of Watery mud 20% water 80% mud  
 186.00 ft of Slight oil & mud cut water  
 0.00 ft of 1% oil 87% water 12% mud  
 249.00 ft of Salt water with a few oil specs  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of Rw .07 ohms @ 70 degrees F.  
 0.00 ft of EST.FT. of PAY-----10  
 SALINITY 123000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	47.00 S/L
W.L.	9.60 in3
F.C.	0.20 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:  
 Strong blow bottom of bucket in  
 15 secs.  
 Initial Shut-in:  
 No blow.  
 Final Flow:  
 Strong blow bottom of bucket in  
 4 mins.  
 Final Shut-in:  
 No blow

Amt. of fill	0.00 ft
Btm. H. Temp.	128.00 F
Hole Condition	Good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Richard Marlin
Contr.	Sterling Drlg.
Rig #	4
Unit #	
Pump T.	LCM 0#/bl

SAMPLES: None  
 SENT TO:Caraway/Liberal

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Alameda #1-2

LOCATION : 22-28s-07w Kingman co KS

TICKET No. 11564 D.S.T. No. 1 DATE 11-01-98

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 10

TOTAL TOOL ..... 37

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY ..... 37

D.C. ABOVE TOOLS.Stands 7 Single Total 435

D.P. ABOVE TOOLS.Stands 57 Single Total 3548

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4020

TOTAL DEPTH ..... 4012

TOTAL DRILL PIPE ABOVE K.B. .... 8

REMARKS:  
Comments:

FLUID SAMPLER DATA (not run)

GAS-----		cubic ft
OIL-----		ML.
MUD-----		ML.
WATER-----		ML.
OTHER-----		
PRESSURE-----		PSI
Rw -----	ohms @	deg. F.
CHLORIDES-----		ppm.
GRAVITY-----		deg.API

P.O. SUB		
C.O. SUB @ top of tool		3975
S.I. TOOL Sterling		3981
HMV Sterling		3986
JARS Bowen		3991
SAFETY JOINT Bowen		3993
PACKER Top		3997
PACKER Btm.		4002
DEPTH 4002		
STUBB 1 ft.		4003
ANCHOR		
perfs		
Alpine rec. @		4007
T.C.		
DEPTH		
4 ft. perfs to		4007
AK-1 rec. @		4009
BULLNOSE 5 ft. perforated		4012
T.D.		

# TEST HISTORY

11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	1990.09
B:	0.00	38.85
C:	29.00	156.18
D:	60.00	1312.12
E:	0.00	171.79
F:	43.50	247.16
G:	94.00	1304.90
Q:	0.00	1940.65

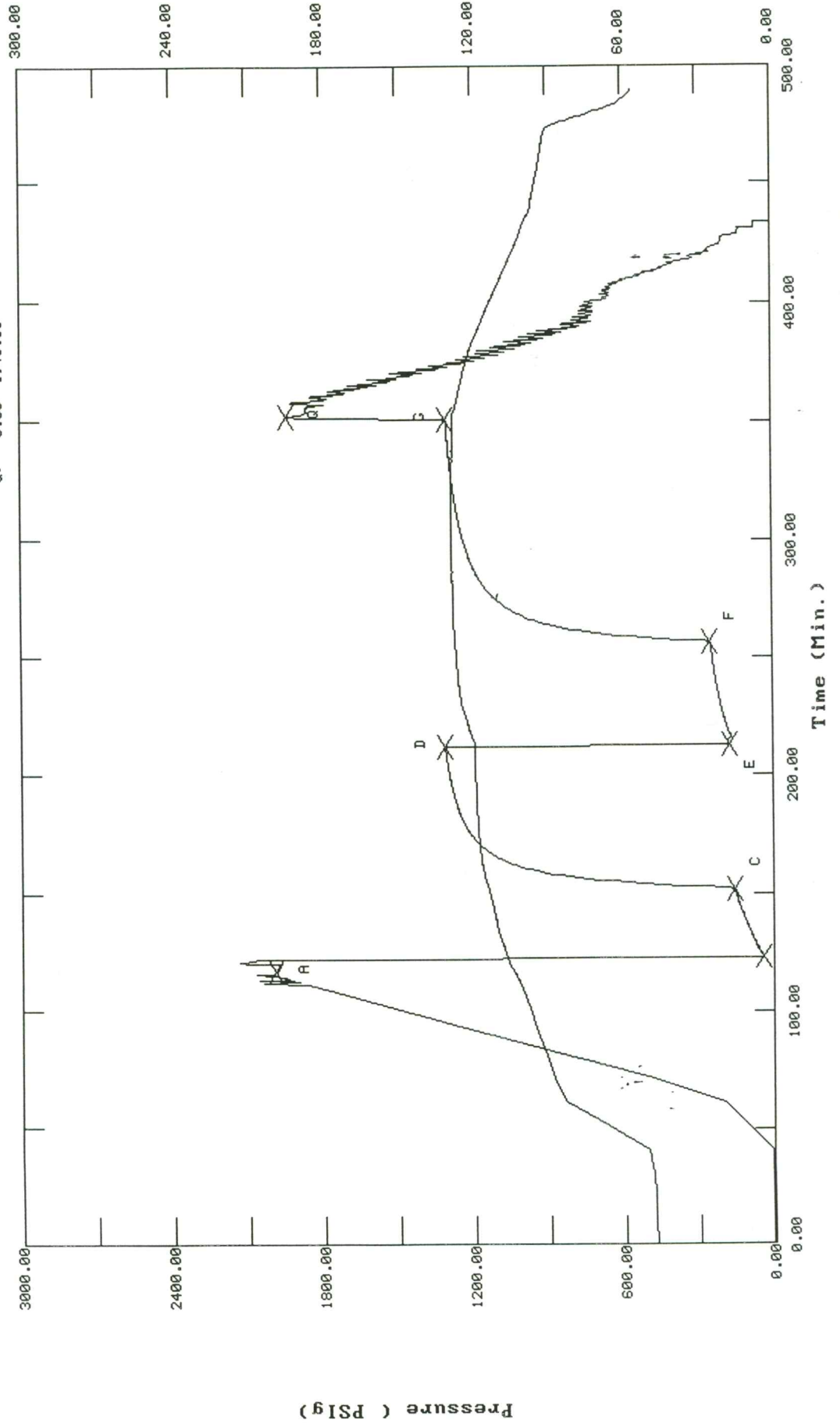
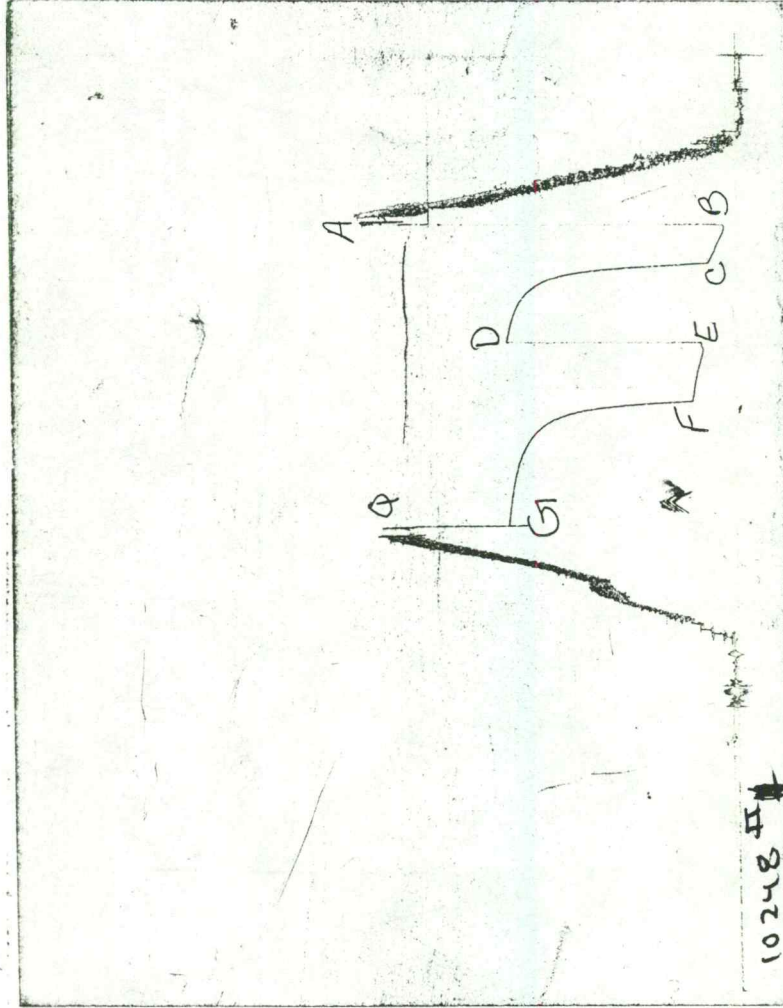


CHART PAGE



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

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98 TIME: 09:57:38  
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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
***** Initial Hydro.	117.00	1990.1	0.0	104.26		
***** Start Flow 1	0.00	38.8	0.0	106.84		
	0.50	39.3	0.4	106.95		
	1.00	42.9	4.0	107.08		
	1.50	45.7	6.9	107.22		
	2.00	49.3	10.5	107.37		
	2.50	50.3	11.5	107.52		
	3.00	55.1	16.3	107.68		
	3.50	55.9	17.0	107.85		
	4.00	59.5	20.6	108.03		
	4.50	61.3	22.4	108.20		
	5.00	64.4	25.6	108.38		
	5.50	67.0	28.2	108.56		
	6.00	70.7	31.8	108.73		
	6.50	72.1	33.2	108.91		
	7.00	75.5	36.7	109.08		
	7.50	76.2	37.3	109.24		
	8.00	80.7	41.9	109.40		
	8.50	80.9	42.0	109.54		
	9.00	82.6	43.7	109.69		
	9.50	86.4	47.6	109.82		
	10.00	86.4	47.5	109.96		
	10.50	88.9	50.0	110.08		
	11.00	92.6	53.8	110.20		
	11.50	93.7	54.9	110.32		
	12.00	95.2	56.4	110.43		
	12.50	98.1	59.3	110.53		
	13.00	99.4	60.6	110.64		
	13.50	102.2	63.4	110.74		
	14.00	104.8	66.0	110.83		
	14.50	105.7	66.9	110.93		
	15.00	108.4	69.6	111.01		
	15.50	108.9	70.1	111.10		
	16.00	111.5	72.7	111.19		
	16.50	113.4	74.5	111.27		
	17.00	115.1	76.2	111.35		
	17.50	117.8	79.0	111.43		
	18.00	119.6	80.7	111.53		
	18.50	120.0	81.2	111.62		
	19.00	122.2	83.3	111.71		
	19.50	125.9	87.0	111.81		
	20.00	128.0	89.1	111.92		
	20.50	128.7	89.9	112.02		
	21.00	130.6	91.7	112.11		
	21.50	132.6	93.7	112.22		
	22.00	134.2	95.3	112.33		
	22.50	135.2	96.3	112.44		
	23.00	137.8	99.0	112.55		
	23.50	139.9	101.0	112.66		
	24.00	141.2	102.3	112.79		
	24.50	143.4	104.6	112.90		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98

TIME: 09:57:38

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	25.00	142.7	103.8	113.02		
	25.50	144.0	105.2	113.15		
	26.00	147.3	108.4	113.28		
	26.50	148.0	109.2	113.41		
	27.00	148.6	109.8	113.52		
	27.50	152.3	113.5	113.67		
	28.00	152.2	113.4	113.81		
	28.50	154.9	116.1	113.95		
***** End Flow 1	29.00	156.2	117.3	114.07		
***** Start Shutin 1	0.00	156.2	0.0	114.07	0.0000	0.024
	0.50	191.3	35.2	114.21	59.0000	0.037
	1.00	281.7	125.6	114.35	30.0000	0.079
	1.50	367.7	211.5	114.48	20.3333	0.135
	2.00	448.2	292.1	114.63	15.5000	0.201
	2.50	521.7	365.5	114.77	12.6000	0.272
	3.00	587.7	431.6	114.91	10.6667	0.345
	3.50	646.7	490.5	115.05	9.2857	0.418
	4.00	698.8	542.6	115.18	8.2500	0.488
	4.50	744.7	588.5	115.31	7.4444	0.555
	5.00	785.3	629.1	115.43	6.8000	0.617
	5.50	821.3	665.1	115.56	6.2727	0.675
	6.00	853.5	697.4	115.69	5.8333	0.729
	6.50	882.3	726.1	115.80	5.4615	0.778
	7.00	908.3	752.2	115.91	5.1429	0.825
	7.50	931.8	775.7	116.01	4.8667	0.868
	8.00	953.2	797.1	116.12	4.6250	0.909
	8.50	972.9	816.7	116.22	4.4118	0.947
	9.00	990.8	834.6	116.30	4.2222	0.982
	9.50	1007.2	851.0	116.40	4.0526	1.014
	10.00	1022.4	866.2	116.49	3.9000	1.045
	10.50	1036.3	880.2	116.56	3.7619	1.074
	11.00	1049.3	893.2	116.65	3.6364	1.101
	11.50	1061.4	905.2	116.72	3.5217	1.127
	12.00	1072.7	916.5	116.80	3.4167	1.151
	12.50	1083.2	927.0	116.89	3.3200	1.173
	13.00	1093.1	936.9	116.94	3.2308	1.195
	13.50	1102.2	946.0	117.01	3.1481	1.215
	14.00	1110.9	954.8	117.08	3.0714	1.234
	14.50	1119.0	962.8	117.12	3.0000	1.252
	15.00	1126.6	970.5	117.18	2.9333	1.269
	15.50	1133.9	977.8	117.25	2.8710	1.286
	16.00	1140.8	984.6	117.31	2.8125	1.301
	16.50	1147.3	991.1	117.36	2.7576	1.316
	17.00	1153.5	997.3	117.41	2.7059	1.331
	17.50	1159.3	1003.1	117.47	2.6571	1.344
	18.00	1164.8	1008.6	117.53	2.6111	1.357
	18.50	1170.2	1014.0	117.56	2.5676	1.369
	19.00	1175.1	1019.0	117.60	2.5263	1.381
	19.50	1180.0	1023.8	117.65	2.4872	1.392
	20.00	1184.6	1028.5	117.70	2.4500	1.403
	20.50	1189.0	1032.8	117.74	2.4146	1.414

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98

TIME: 09:57:38

Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
21.00	1193.2	1037.0	117.77	2.3810	1.424
21.50	1197.3	1041.1	117.81	2.3488	1.434
22.00	1201.1	1044.9	117.85	2.3182	1.443
22.50	1204.8	1048.6	117.90	2.2889	1.451
23.00	1208.4	1052.2	117.92	2.2609	1.460
23.50	1211.8	1055.6	117.97	2.2340	1.469
24.00	1215.2	1059.0	118.00	2.2083	1.477
24.50	1218.3	1062.1	118.05	2.1837	1.484
25.00	1221.3	1065.1	118.08	2.1600	1.492
25.50	1224.2	1068.1	118.09	2.1373	1.499
26.00	1227.1	1070.9	118.13	2.1154	1.506
26.50	1229.8	1073.6	118.17	2.0943	1.512
27.00	1232.5	1076.3	118.20	2.0741	1.519
27.50	1235.1	1078.9	118.20	2.0545	1.525
28.00	1237.4	1081.2	118.25	2.0357	1.531
28.50	1239.9	1083.8	118.29	2.0175	1.537
29.00	1242.2	1086.0	118.32	2.0000	1.543
29.50	1244.5	1088.3	118.35	1.9831	1.549
30.00	1246.6	1090.4	118.38	1.9667	1.554
30.50	1248.8	1092.6	118.40	1.9508	1.559
31.00	1250.8	1094.6	118.41	1.9355	1.564
31.50	1252.8	1096.6	118.44	1.9206	1.569
32.00	1254.6	1098.4	118.47	1.9062	1.574
32.50	1256.6	1100.4	118.49	1.8923	1.579
33.00	1258.3	1102.1	118.52	1.8788	1.583
33.50	1260.1	1103.9	118.56	1.8657	1.588
34.00	1261.8	1105.7	118.56	1.8529	1.592
34.50	1263.4	1107.3	118.60	1.8406	1.596
35.00	1265.0	1108.9	118.61	1.8286	1.600
35.50	1266.5	1110.4	118.64	1.8169	1.604
36.00	1268.1	1112.0	118.65	1.8056	1.608
36.50	1269.6	1113.4	118.68	1.7945	1.612
37.00	1271.1	1114.9	118.68	1.7838	1.616
37.50	1272.4	1116.2	118.73	1.7733	1.619
38.00	1273.8	1117.7	118.75	1.7632	1.623
38.50	1275.1	1118.9	118.78	1.7532	1.626
39.00	1276.5	1120.4	118.78	1.7436	1.630
39.50	1277.7	1121.5	118.81	1.7342	1.633
40.00	1279.0	1122.8	118.82	1.7250	1.636
40.50	1280.2	1124.0	118.85	1.7160	1.639
41.00	1281.5	1125.3	118.86	1.7073	1.642
41.50	1282.6	1126.4	118.88	1.6988	1.645
42.00	1283.8	1127.6	118.90	1.6905	1.648
42.50	1284.8	1128.7	118.92	1.6824	1.651
43.00	1285.9	1129.8	118.94	1.6744	1.654
43.50	1287.0	1130.8	118.96	1.6667	1.656
44.00	1288.0	1131.9	118.96	1.6591	1.659
44.50	1289.0	1132.9	118.99	1.6517	1.662
45.00	1290.0	1133.9	119.01	1.6444	1.664
45.50	1291.0	1134.8	119.03	1.6374	1.667
46.00	1292.0	1135.8	119.06	1.6304	1.669

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	46.50	1293.0	1136.8	119.05	1.6237	1.672
	47.00	1293.8	1137.6	119.08	1.6170	1.674
	47.50	1294.7	1138.5	119.09	1.6105	1.676
	48.00	1295.6	1139.4	119.11	1.6042	1.679
	48.50	1296.4	1140.2	119.13	1.5979	1.681
	49.00	1297.3	1141.1	119.14	1.5918	1.683
	49.50	1298.1	1141.9	119.17	1.5859	1.685
	50.00	1298.9	1142.7	119.16	1.5800	1.687
	50.50	1299.7	1143.5	119.19	1.5743	1.689
	51.00	1300.5	1144.3	119.22	1.5686	1.691
	51.50	1301.2	1145.0	119.22	1.5631	1.693
	52.00	1302.0	1145.8	119.24	1.5577	1.695
	52.50	1302.6	1146.5	119.24	1.5524	1.697
	53.00	1303.3	1147.1	119.26	1.5472	1.699
	53.50	1304.1	1147.9	119.27	1.5421	1.701
	54.00	1304.7	1148.6	119.30	1.5370	1.702
	54.50	1305.4	1149.2	119.31	1.5321	1.704
	55.00	1306.1	1149.9	119.32	1.5273	1.706
	55.50	1306.7	1150.6	119.35	1.5225	1.708
	56.00	1307.4	1151.2	119.35	1.5179	1.709
	56.50	1308.0	1151.8	119.37	1.5133	1.711
	57.00	1308.6	1152.4	119.37	1.5088	1.712
	57.50	1309.2	1153.0	119.39	1.5043	1.714
	58.00	1309.9	1153.8	119.40	1.5000	1.716
	58.50	1310.4	1154.3	119.42	1.4957	1.717
	59.00	1311.0	1154.8	119.44	1.4915	1.719
	59.50	1311.7	1155.5	119.44	1.4874	1.721
***** End Shut-in 1	60.00	1312.1	1155.9	119.44	1.4833	1.722
***** Start Flow 2	0.00	171.8	0.0	119.46		
	0.50	176.4	4.6	119.48		
	1.00	179.1	7.3	119.56		
	1.50	181.9	10.2	119.70		
	2.00	179.4	7.6	119.87		
	2.50	170.4	-1.3	120.05		
	3.00	166.7	-5.1	120.23		
	3.50	164.5	-7.3	120.42		
	4.00	165.7	-6.0	120.61		
	4.50	169.5	-2.3	120.79		
	5.00	173.6	1.8	120.96		
	5.50	175.4	3.6	121.12		
	6.00	175.5	3.7	121.28		
	6.50	179.6	7.8	121.44		
	7.00	179.9	8.1	121.58		
	7.50	181.8	10	121.72		
	8.00	184.0	12.2	121.87		
	8.50	184.7	12.9	121.99		
	9.00	186.6	14.8	122.13		
	9.50	189.5	17.7	122.26		
	10.00	191.3	19.5	122.39		
	10.50	191.2	19.4	122.52		
	11.00	192.0	20.2	122.68		

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11.50	193.4	21.7	122.84		
12.00	195.5	23.7	122.99		
12.50	197.0	25.2	123.15		
13.00	197.1	25.3	123.31		
13.50	198.4	26.6	123.46		
14.00	199.6	27.8	123.63		
14.50	201.4	29.6	123.78		
15.00	202.6	30.8	123.93		
15.50	203.8	32.0	124.06		
16.00	203.9	32.1	124.20		
16.50	205.4	33.6	124.32		
17.00	205.8	34.0	124.43		
17.50	207.9	36.1	124.55		
18.00	208.6	36.8	124.66		
18.50	210.1	38.3	124.75		
19.00	210.5	38.7	124.84		
19.50	211.0	39.2	124.92		
20.00	213.0	41.2	125.00		
20.50	213.5	41.7	125.07		
21.00	215.0	43.2	125.13		
21.50	215.4	43.6	125.20		
22.00	216.4	44.6	125.26		
22.50	217.7	45.9	125.32		
23.00	218.4	46.6	125.37		
23.50	218.6	46.8	125.44		
24.00	220.1	48.3	125.50		
24.50	222.0	50.2	125.55		
25.00	222.8	51.0	125.60		
25.50	222.3	50.5	125.64		
26.00	223.7	52.0	125.69		
26.50	224.3	52.5	125.73		
27.00	225.2	53.4	125.77		
27.50	225.7	53.9	125.81		
28.00	227.3	55.5	125.85		
28.50	227.9	56.1	125.90		
29.00	228.0	56.2	125.92		
29.50	229.2	57.4	125.96		
30.00	229.6	57.8	125.99		
30.50	230.8	59.0	126.04		
31.00	231.4	59.6	126.08		
31.50	232.1	60.3	126.11		
32.00	232.4	60.6	126.16		
32.50	232.9	61.1	126.19		
33.00	233.8	62.0	126.24		
33.50	234.7	62.9	126.29		
34.00	235.7	63.9	126.33		
34.50	236.0	64.2	126.38		
35.00	236.4	64.6	126.42		
35.50	237.4	65.6	126.46		
36.00	238.4	66.6	126.52		
36.50	237.7	65.9	126.54		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98 TIME: 09:57:38

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	37.00	238.6	66.8	126.55		
	37.50	239.6	67.8	126.57		
	38.00	240.8	69.0	126.63		
	38.50	240.1	68.3	126.67		
	39.00	241.3	69.5	126.71		
	39.50	242.4	70.6	126.73		
	40.00	242.6	70.8	126.77		
	40.50	243.8	72.0	126.81		
	41.00	244.4	72.6	126.84		
	41.50	245.0	73.2	126.88		
	42.00	245.8	74.0	126.90		
	42.50	246.1	74.3	126.93		
	43.00	247.0	75.2	126.96		
*****	End Flow 2	43.50	247.2	75.4	126.99	
*****	Start Shutin 2	0.00	247.2	0.0	126.99	0.061
	0.50	283.2	36.1	127.02	146.0000	0.080
	1.00	370.4	123.2	127.06	73.5000	0.137
	1.50	445.6	198.5	127.08	49.3333	0.199
	2.00	512.0	264.9	127.13	37.2500	0.262
	2.50	570.6	323.5	127.16	30.0000	0.326
	3.00	622.5	375.3	127.20	25.1667	0.387
	3.50	668.6	421.4	127.24	21.7143	0.447
	4.00	709.5	462.4	127.29	19.1250	0.503
	4.50	745.9	498.8	127.32	17.1111	0.556
	5.00	778.3	531.2	127.37	15.5000	0.606
	5.50	807.2	560.1	127.40	14.1818	0.652
	6.00	833.2	586.1	127.43	13.0833	0.694
	6.50	856.6	609.5	127.46	12.1538	0.734
	7.00	878.0	630.9	127.49	11.3571	0.771
	7.50	897.4	650.3	127.53	10.6667	0.805
	8.00	915.4	668.2	127.56	10.0625	0.838
	8.50	931.8	684.6	127.59	9.5294	0.868
	9.00	946.9	699.7	127.62	9.0556	0.897
	9.50	961.0	713.9	127.64	8.6316	0.924
	10.00	974.1	726.9	127.67	8.2500	0.949
	10.50	986.2	739.1	127.68	7.9048	0.973
	11.00	997.6	750.5	127.71	7.5909	0.995
	11.50	1008.2	761.1	127.73	7.3043	1.017
	12.00	1018.3	771.1	127.74	7.0417	1.037
	12.50	1027.8	780.6	127.77	6.8000	1.056
	13.00	1036.7	789.5	127.78	6.5769	1.075
	13.50	1045.1	797.9	127.80	6.3704	1.092
	14.00	1052.9	805.8	127.81	6.1786	1.109
	14.50	1060.5	813.3	127.83	6.0000	1.125
	15.00	1067.7	820.6	127.84	5.8333	1.140
	15.50	1074.5	827.4	127.85	5.6774	1.155
	16.00	1081.1	833.9	127.87	5.5312	1.169
	16.50	1087.3	840.1	127.89	5.3939	1.182
	17.00	1093.2	846.1	127.89	5.2647	1.195
	17.50	1098.9	851.8	127.91	5.1429	1.208
	18.00	1104.3	857.2	127.93	5.0278	1.220

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98

TIME: 09:57:38

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
18.50	1109.4	862.3	127.92	4.9189	1.231
19.00	1114.5	867.3	127.93	4.8158	1.242
19.50	1119.3	872.2	127.95	4.7179	1.253
20.00	1124.0	876.8	127.96	4.6250	1.263
20.50	1128.3	881.2	127.97	4.5366	1.273
21.00	1132.6	885.4	127.97	4.4524	1.283
21.50	1136.7	889.6	127.99	4.3721	1.292
22.00	1140.7	893.6	127.99	4.2955 ←	1.301
22.50	1144.6	897.4	128.00	4.2222	1.310
23.00	1148.3	901.1	128.01	4.1522	1.319
23.50	1151.9	904.7	128.01	4.0851	1.327
24.00	1155.3	908.2	128.01	4.0208	1.335
24.50	1158.7	911.5	128.03	3.9592	1.343
25.00	1162.0	914.8	128.03	3.9000	1.350
25.50	1165.2	918.0	128.03	3.8431	1.358
26.00	1168.1	920.9	128.03	3.7885	1.364
26.50	1171.1	924.0	128.04	3.7358	1.372
27.00	1174.0	926.8	128.05	3.6852	1.378
27.50	1176.9	929.8	128.04	3.6364	1.385
28.00	1179.6	932.4	128.05	3.5893	1.391
28.50	1182.3	935.1	128.06	3.5439	1.398
29.00	1184.8	937.6	128.06	3.5000	1.404
29.50	1187.3	940.2	128.07	3.4576	1.410
30.00	1189.8	942.7	127.94	3.4167	1.416
30.50	1192.2	945.0	128.07	3.3770	1.421
31.00	1194.5	947.3	128.07	3.3387	1.427
31.50	1196.7	949.6	128.08	3.3016	1.432
32.00	1198.8	951.7	128.09	3.2656	1.437
32.50	1201.0	953.8	128.08	3.2308	1.442
33.00	1203.1	955.9	128.05	3.1970	1.447
33.50	1205.1	958.0	128.07	3.1642	1.452
34.00	1207.0	959.9	128.09	3.1324	1.457
34.50	1209.1	961.9	128.08	3.1014	1.462
35.00	1210.9	963.7	128.08	3.0714	1.466
35.50	1212.7	965.6	128.08	3.0423	1.471
36.00	1214.6	967.4	128.09	3.0139	1.475
36.50	1216.4	969.2	128.09	2.9863	1.480
37.00	1218.1	971.0	128.09	2.9595	1.484
37.50	1219.8	972.6	128.10	2.9333	1.488
38.00	1221.5	974.3	128.11	2.9079	1.492
38.50	1223.1	975.9	128.10	2.8831	1.496
39.00	1224.8	977.6	128.10	2.8590	1.500
39.50	1226.2	979.0	128.11	2.8354	1.504
40.00	1227.8	980.6	128.10	2.8125	1.507
40.50	1229.2	982.0	128.09	2.7901	1.511
41.00	1230.7	983.5	128.10	2.7683	1.515
41.50	1232.1	985.0	128.10	2.7470	1.518
42.00	1233.5	986.3	128.10	2.7262	1.521
42.50	1234.9	987.7	128.09	2.7059	1.525
43.00	1236.2	989.1	128.10	2.6860	1.528
43.50	1237.6	990.4	128.09	2.6667	1.532

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98

TIME: 09:57:38

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
44.00	1238.8	991.7	128.10	2.6477	1.535
44.50	1240.1	993.0	128.10	2.6292	1.538
45.00	1241.4	994.2	128.10	2.6111	1.541
45.50	1242.6	995.5	128.09	2.5934	1.544
46.00	1243.9	996.7	128.09	2.5761	1.547
46.50	1245.0	997.8	128.10	2.5591	1.550
47.00	1246.2	999.0	128.10	2.5426	1.553
47.50	1247.2	1000.1	128.09	2.5263	1.556
48.00	1248.3	1001.2	128.10	2.5104	1.558
48.50	1249.5	1002.4	128.07	2.4948	1.561
49.00	1250.6	1003.4	128.09	2.4796	1.564
49.50	1251.7	1004.5	128.09	2.4646	1.567
50.00	1252.7	1005.5	128.10	2.4500	1.569
50.50	1253.8	1006.6	128.09	2.4356	1.572
51.00	1254.8	1007.6	128.10	2.4216	1.575
51.50	1255.6	1008.5	128.10	2.4078	1.577
52.00	1256.7	1009.6	128.09	2.3942	1.579
52.50	1257.6	1010.4	128.08	2.3810	1.581
53.00	1258.7	1011.5	128.08	2.3679	1.584
53.50	1259.5	1012.3	128.09	2.3551	1.586
54.00	1260.4	1013.3	128.09	2.3426	1.589
54.50	1261.3	1014.2	128.08	2.3303	1.591
55.00	1262.3	1015.1	128.08	2.3182	1.593
55.50	1263.1	1015.9	128.07	2.3063	1.595
56.00	1263.9	1016.8	128.08	2.2946	1.598
56.50	1264.8	1017.6	128.10	2.2832	1.600
57.00	1265.6	1018.5	128.08	2.2719	1.602
57.50	1266.5	1019.4	128.08	2.2609	1.604
58.00	1267.2	1020.1	128.08	2.2500	1.606
58.50	1268.1	1020.9	128.08	2.2393	1.608
59.00	1268.8	1021.7	128.08	2.2288	1.610
59.50	1269.6	1022.4	128.09	2.2185	1.612
60.00	1270.4	1023.2	128.05	2.2083	1.614
60.50	1271.2	1024.0	128.07	2.1983	1.616
61.00	1271.8	1024.7	128.08	2.1885	1.618
61.50	1272.7	1025.5	128.07	2.1789	1.620
62.00	1273.3	1026.1	128.07	2.1694	1.621
62.50	1274.0	1026.9	128.07	2.1600	1.623
63.00	1274.8	1027.6	128.06	2.1508	1.625
63.50	1275.4	1028.3	128.06	2.1417	1.627
64.00	1276.1	1029.0	128.07	2.1328	1.628
64.50	1276.8	1029.6	128.06	2.1240	1.630
65.00	1277.5	1030.3	128.07	2.1154	1.632
65.50	1278.0	1030.9	128.07	2.1069	1.633
66.00	1278.7	1031.6	128.07	2.0985	1.635
66.50	1279.3	1032.1	128.05	2.0902	1.637
67.00	1280.0	1032.8	128.07	2.0821	1.638
67.50	1280.6	1033.4	128.07	2.0741	1.640
68.00	1281.2	1034.1	128.06	2.0662	1.642
68.50	1281.8	1034.7	128.06	2.0584	1.643
69.00	1282.5	1035.3	128.07	2.0507	1.645

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98

TIME: 09:57:38

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
69.50	1283.0	1035.8	128.06	2.0432	1.646
70.00	1283.6	1036.4	128.04	2.0357	1.648
70.50	1284.2	1037.0	128.05	2.0284	1.649
71.00	1284.8	1037.6	128.04	2.0211	1.651
71.50	1285.3	1038.2	128.05	2.0140	1.652
72.00	1285.8	1038.7	128.04	2.0069	1.653
72.50	1286.4	1039.2	128.05	2.0000	1.655
73.00	1286.9	1039.7	128.05	1.9932	1.656
73.50	1287.5	1040.4	128.04	1.9864	1.658
74.00	1288.0	1040.9	128.04	1.9797	1.659
74.50	1288.5	1041.4	128.05	1.9732	1.660
75.00	1289.0	1041.9	128.05	1.9667	1.662
75.50	1289.5	1042.4	128.05	1.9603	1.663
76.00	1290.0	1042.9	128.04	1.9539	1.664
76.50	1290.5	1043.4	128.02	1.9477	1.666
77.00	1291.0	1043.8	128.03	1.9416	1.667
77.50	1291.5	1044.3	128.03	1.9355	1.668
78.00	1292.0	1044.8	128.03	1.9295	1.669
78.50	1292.5	1045.3	128.03	1.9236	1.671
79.00	1292.9	1045.7	128.02	1.9177	1.672
79.50	1293.4	1046.2	128.03	1.9119	1.673
80.00	1293.8	1046.7	128.03	1.9062	1.674
80.50	1294.2	1047.1	128.03	1.9006	1.675
81.00	1294.7	1047.6	128.04	1.8951	1.676
81.50	1295.2	1048.0	128.02	1.8896	1.677
82.00	1295.6	1048.4	128.02	1.8841	1.679
82.50	1296.0	1048.8	128.02	1.8788	1.680
83.00	1296.4	1049.3	128.02	1.8735	1.681
83.50	1296.8	1049.7	128.02	1.8683	1.682
84.00	1297.3	1050.1	128.00	1.8631	1.683
84.50	1297.7	1050.5	128.01	1.8580	1.684
85.00	1298.1	1050.9	128.01	1.8529	1.685
85.50	1298.5	1051.4	128.01	1.8480	1.686
86.00	1298.9	1051.8	128.02	1.8430	1.687
86.50	1299.4	1052.2	128.00	1.8382	1.688
87.00	1299.8	1052.6	128.01	1.8333	1.689
87.50	1300.1	1053.0	128.01	1.8286	1.690
88.00	1300.5	1053.4	128.00	1.8239	1.691
88.50	1300.9	1053.7	128.00	1.8192	1.692
89.00	1301.3	1054.1	128.00	1.8146	1.693
89.50	1301.6	1054.5	128.00	1.8101	1.694
90.00	1302.0	1054.9	128.00	1.8056	1.695
90.50	1302.5	1055.3	127.99	1.8011	1.696
91.00	1302.8	1055.6	127.99	1.7967	1.697
91.50	1303.2	1056.1	128.00	1.7923	1.698
92.00	1303.6	1056.4	127.99	1.7880	1.699
92.50	1303.9	1056.7	128.00	1.7838	1.700
93.00	1304.2	1057.1	128.00	1.7796	1.701
93.50	1304.6	1057.4	128.00	1.7754	1.702
94.00	1304.9	1057.7	127.98	1.7713	1.703

\*\*\*\*\* End Shut-in 2

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ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11564 DST#1 ALMAMEDA #1-2 KC RESOURCES INC.

DATE: 11/01/98                      TIME: 09:57:38  
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	Time	Pressure	delta P	Temp.	(T+dT)/dT	P^2/10^6
		PSig	PSig	DEG F		
***** Final Hydro.	352.00	1940.7	0.0	127.89		

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 11564

## Test Ticket

Well Name & No. <u>ALAMEDA # 1-2</u>	Test No. <u>1</u>	Date <u>11-1-98</u>
Company <u>KC RESOURCES INC.</u>	Zone Tested <u>MISS</u>	
Address <u>P.O. Box 1118, CARDIFF CA, 92007</u>	Elevation <u>1591</u> KB <u>1581</u> GL	
Co. Rep / Geo. <u>RICHARD MARON</u> Cont. <u>STERLING DRIG #4</u>	Est. Ft. of Pay <u>10</u> Por. <u>12</u> %	
Location: Sec. <u>22</u> Twp. <u>28<sup>S</sup></u> Rge. <u>7<sup>W</sup></u> Co. <u>KINGMAN</u> State <u>Ks.</u>		
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>-</u>	Evaluation (Y, N) <u>-</u>

Interval Tested <u>4002 - 4012'</u>	Initial Str Wt./Lbs. <u>66,000</u>	Unseated Str Wt./Lbs. <u>67,000</u>
Anchor Length <u>10'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>74,000</u>
Top Packer Depth <u>3997'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4002'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>4012'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>435'</u>
Mud Wt. <u>9.3</u> LCM <u>-</u> Vis. <u>47</u> WL <u>9.6cc.</u>	Drill Pipe Size <u>4 1/2" x.H.</u>	Ft. Run <u>3548'</u>
Blow Description <u>IF: Strong blow. Btm. of bucket in 15 secs.</u>		
<u>ISI: No blow.</u>		
<u>FF: Strong blow. Btm. of bucket in 4 mins.</u>		
<u>FSI: No blow.</u>		

Recovery — Total Feet <u>82</u> GIP <u>?</u>	Ft. in DC <u>435</u>	Ft. in DP <u>82'</u>
Rec. <u>82</u> Feet Of <u>w.m.</u>	%gas	%oil <u>20</u> %water <u>80</u> %mud
Rec. <u>186</u> Feet Of <u>SO E M CW</u>	%gas <u>1</u>	%oil <u>87</u> %water <u>12</u> %mud
Rec. <u>249</u> Feet Of <u>Salt water @ a few</u>	%gas	%oil
Rec. _____ Feet Of <u>oil specs.</u>	%gas	%oil
Rec. _____ Feet Of _____	%gas	%oil
BHT <u>128</u> °F Gravity <u>N/A</u>	°API D@ <u>-</u>	°F Corrected Gravity <u>N/A</u> °API
RW <u>.07</u> @ <u>70</u> °F	Chlorides <u>123,000</u> ppm	Recovery Chlorides <u>9,000</u> ppm System

	AK-1	Alpine	alpine	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2052</u>	<u>1990</u>	PSI	<u>1342</u>	<u>0840</u>
(B) First Initial Flow Pressure	<u>60</u>	<u>39</u>	PSI	(depth) <u>4007'</u>	T-Started <u>0957</u>
(C) First Final Flow Pressure	<u>164</u>	<u>156</u>	PSI	Recorder No. <u>10248</u>	T-Open <u>1200</u>
(D) Initial Shut-In Pressure	<u>1325</u>	<u>1312</u>	PSI	(depth) <u>4009'</u>	T-Pulled <u>1548</u>
(E) Second Initial Flow Pressure	<u>184</u>	<u>172</u>	PSI	Recorder No. <u>-</u>	T-Out <u>1750</u>
(F) Second Final Flow Pressure	<u>254</u>	<u>247</u>	PSI	(depth) <u>-</u>	T-Off Location <u>1920</u>
(G) Final Shut-in Pressure	<u>1325</u>	<u>1305</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700<sup>00</sup></u>
(Q) Final Hydrostatic Mud	<u>2029</u>	<u>1941</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200<sup>00</sup></u>
				Final Flow <u>45</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>90</u>	Straddle _____
				<u>4</u>	Circ. Sub _____
					Sampler _____
					Extra Packer _____
					Elec. Rec. <input checked="" type="checkbox"/> <u>130<sup>00</sup></u>
					Mileage _____
					Other _____
					TOTAL PRICE \$ <u>1100<sup>00</sup></u>

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Approved By Richard Maron  
 Our Representative Greg Tuntunoy