

WELL NAME: Kriss Farms #1-27
COMPANY: Ranken Energy Corp.
LOCATION: 27-6S-36W
Thomas County Kansas
DATE: 07/29/97

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp.

DATE 7-22-97

WELL NAME: Kriss Farms #1-27

KB 3385.00 ft

TICKET NO: 10307

DST #1

LOCATION : 27-6S-36W Thomas KS.

GR 3380.00 ft

FORMATION: Tarkio

INTERVAL : 3898.00 To 3964.00 ft

TD 3964.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13339	13339	2341		PF Fr. 0554 to 0624 hr
SI 60	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0 IS Fr. 0624 to 0724 hr
SF 15	Clock(hrs)	12 HR	12 HR	Elec		SF Fr. 0724 to 0739 hr
FS 15	Depth(ft)	3959.0	3959.0	3899.0	0.0	0.0 FS Fr. 0739 to 0754 hr

	Field	1	2	3	4	
A. Init Hydro	1942.0	1980.0	1882.0	0.0	0.0	T STARTED 0345 hr
B. First Flow	83.0	114.0	8.0	0.0	0.0	T ON BOTM 0552 hr
B1. Final Flow	83.0	114.0	24.0	0.0	0.0	T OPEN 0554 hr
C. In Shut-in	1110.0	1142.0	1090.0	0.0	0.0	T PULLED 0754 hr
D. Init Flow	93.0	131.0	27.0	0.0	0.0	T OUT 0930 hr
E. Final Flow	93.0	131.0	34.0	0.0	0.0	
F. Fl Shut-in	959.0	979.0	940.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1922.0	1902.0	1848.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 40000.00 lbs
						Initial Str Wt 36000.00 lbs
						Unseated Str Wt 36000.00 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 3288.00 ft
						H.W. I.D 2.80 in
						H.W. Length 599.00 ft

RECOVERY

Tot Fluid 60.00 ft of 0.00 ft in DC and 60.00 ft in DP
 60.00 ft of Drilling Mud
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow built to 1"

Initial Shut In:
 No Return

Final Flow:
 No blow-Falushed tool - Good Surge -
 No return

Final Shut In:
 No Return

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 8.70 lb/c1
 Vis. 44.00 S/L
 W.L. 10.00 in3
 F.C. 0.00 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 122.00 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. Mark-Tom Larson
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

Test Successful: Y

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 10307 DST #1 Kriss Farms #1-27 Ranken Energy Corp.
 DATE: 07/22/97 TIME: 03:45:48

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	128.00	1883.0	0.0	117.58		
***** Start Flow 1	0.00	8.2	0.0	117.50		
	1.00	10.3	2.1	117.64		
	2.00	11.2	3.0	117.77		
	3.00	11.9	3.8	117.88		
	4.00	12.5	4.4	117.99		
	5.00	13.3	5.1	118.06		
	6.00	13.9	5.7	118.14		
	7.00	14.5	6.3	118.20		
	8.00	15.0	6.9	118.25		
	9.00	15.5	7.4	118.28		
	10.00	16.1	7.9	118.30		
	11.00	16.0	7.8	118.32		
	12.00	16.6	8.4	118.33		
	13.00	17.3	9.1	118.35		
	14.00	17.5	9.4	118.36		
	15.00	17.8	9.6	118.38		
	16.00	17.9	9.8	118.39		
	17.00	18.3	10.1	118.42		
	18.00	19.0	10.8	118.44		
	19.00	19.8	11.6	118.47		
	20.00	20.2	12.1	118.48		
	21.00	20.5	12.4	118.52		
	22.00	20.7	12.6	118.54		
	23.00	20.9	12.7	118.55		
	24.00	21.3	13.2	118.57		
	25.00	21.9	13.8	118.58		
	26.00	22.3	14.2	118.58		
	27.00	22.7	14.5	118.62		
	28.00	22.9	14.7	118.65		
	29.00	23.2	15.0	118.70		
	30.00	23.6	15.5	118.77		
	31.00	24.2	16.1	118.81		
***** End Flow 1	32.00	24.8	16.7	118.86		
***** Start Shutin 1	0.00	24.8	0.0	118.86	0.0000	0.001
	1.00	133.5	108.6	118.94	33.0000	0.018
	2.00	380.7	355.8	119.04	17.0000	0.145
	3.00	536.8	511.9	119.13	11.6667	0.288
	4.00	636.3	611.5	119.23	9.0000	0.405
	5.00	704.9	680.0	119.31	7.4000	0.497
	6.00	755.2	730.4	119.40	6.3333	0.570
	7.00	793.9	769.1	119.46	5.5714	0.630
	8.00	824.8	800.0	119.54	5.0000	0.680
	9.00	850.4	825.6	119.59	4.5556	0.723
	10.00	871.9	847.0	119.65	4.2000	0.760
	11.00	890.3	865.4	119.70	3.9091	0.793
	12.00	906.4	881.5	119.75	3.6667	0.821
	13.00	920.6	895.7	119.79	3.4615	0.847
	14.00	933.1	908.3	119.84	3.2857	0.871
	15.00	944.3	919.4	119.87	3.1333	0.892
	16.00	954.3	929.5	119.91	3.0000	0.911

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10307 DST #1 Kriss Farms #1-27 Ranken Energy Corp.

DATE: 07/22/97

TIME: 03:45:48

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	17.00	963.4	938.6	119.96	2.8824	0.928
	18.00	971.7	946.9	120.00	2.7778	0.944
	19.00	979.3	954.5	120.03	2.6842	0.959
	20.00	986.3	961.5	120.08	2.6000	0.973
	21.00	992.7	967.9	120.11	2.5238	0.985
	22.00	998.7	973.8	120.14	2.4545	0.997
	23.00	1004.3	979.4	120.18	2.3913	1.009
	24.00	1009.5	984.7	120.22	2.3333	1.019
	25.00	1014.2	989.4	120.25	2.2800	1.029
	26.00	1018.9	994.0	120.29	2.2308	1.038
	27.00	1023.2	998.3	120.33	2.1852	1.047
	28.00	1027.2	1002.3	120.37	2.1429	1.055
	29.00	1031.0	1006.1	120.39	2.1034	1.063
	30.00	1034.6	1009.8	120.40	2.0667	1.070
	31.00	1038.0	1013.2	120.43	2.0323	1.078
	32.00	1041.3	1016.5	120.43	2.0000	1.084
	33.00	1044.2	1019.4	120.45	1.9697	1.090
	34.00	1047.2	1022.4	120.47	1.9412	1.097
	35.00	1050.0	1025.2	120.52	1.9143	1.103
	36.00	1052.7	1027.8	120.55	1.8889	1.108
	37.00	1055.2	1030.3	120.57	1.8649	1.113
	38.00	1057.7	1032.8	120.61	1.8421	1.119
	39.00	1059.9	1035.1	120.66	1.8205	1.123
	40.00	1062.2	1037.4	120.70	1.8000	1.128
	41.00	1064.3	1039.5	120.73	1.7805	1.133
	42.00	1066.4	1041.6	120.78	1.7619	1.137
	43.00	1068.4	1043.5	120.78	1.7442	1.141
	44.00	1070.3	1045.4	120.84	1.7273	1.145
	45.00	1072.1	1047.3	120.78	1.7111	1.149
	46.00	1073.9	1049.1	120.88	1.6957	1.153
	47.00	1075.6	1050.8	120.92	1.6809	1.157
	48.00	1077.2	1052.3	120.98	1.6667	1.160
	49.00	1078.8	1054.0	120.97	1.6531	1.164
	50.00	1080.4	1055.5	121.00	1.6400	1.167
	51.00	1081.8	1056.9	121.05	1.6275	1.170
	52.00	1083.2	1058.4	121.11	1.6154	1.173
	53.00	1084.5	1059.7	121.13	1.6038	1.176
	54.00	1085.9	1061.0	121.16	1.5926	1.179
	55.00	1087.2	1062.3	121.16	1.5818	1.182
	56.00	1088.4	1063.5	121.20	1.5714	1.185
	57.00	1089.6	1064.8	121.23	1.5614	1.187
	58.00	1090.8	1065.9	121.25	1.5517	1.190
***** End Shut-in 1	59.00	1090.0	1065.2	121.31	1.5424	1.188
***** Start Flow 2	0.00	27.1	0.0	121.23		
	1.00	27.3	0.2	121.20		
	2.00	28.0	0.9	121.16		
	3.00	28.5	1.4	121.12		
	4.00	30.8	3.7	121.08		
	5.00	31.2	4.1	121.08		
	6.00	31.7	4.6	121.08		
	7.00	31.7	4.6	121.10		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 TEST: 10307 DST #1 Kriss Farms #1-27 Ranken Energy Corp.
 DATE: 07/22/97 TIME: 03:45:48

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	8.00	32.1	5.0	121.12		
	9.00	32.5	5.3	121.16		
	10.00	32.8	5.7	121.18		
	11.00	33.4	6.3	121.22		
	12.00	33.8	6.7	121.26		
	13.00	34.1	7.0	121.31		
***** End Flow 2	14.00	34.7	7.6	121.36		
***** Start Shutin 2	0.00	34.7	0.0	121.36	0.0000	0.001
	1.00	35.1	0.4	121.41	47.0000	0.001
	2.00	267.0	232.4	121.47	24.0000	0.071
	3.00	474.9	440.2	121.53	16.3333	0.226
	4.00	598.8	564.1	121.61	12.5000	0.359
	5.00	679.6	644.9	121.68	10.2000	0.462
	6.00	736.7	702.0	121.74	8.6667	0.543
	7.00	779.4	744.7	121.87	7.5714	0.608
	8.00	813.0	778.3	121.90	6.7500	0.661
	9.00	839.9	805.2	121.98	6.1111	0.705
	10.00	862.0	827.3	122.02	5.6000	0.743
	11.00	880.7	846.0	122.06	5.1818	0.776
	12.00	896.4	861.7	122.11	4.8333	0.804
	13.00	910.2	875.5	122.13	4.5385	0.828
	14.00	922.3	887.6	122.18	4.2857	0.851
	15.00	932.9	898.2	122.21	4.0667	0.870
	16.00	942.4	907.7	122.23	3.8750	0.888
***** End Shut-in 2	17.00	940.7	906.0	122.28	3.7059	0.885
***** Final Hydro.	253.00	1848.3	0.0	122.34		

TEST HISTORY

10307 DST #1 Kriss Farms #1-27 Ranken Energy Corp.

Flag Points

t (Min.) P (PSIg)

A:	0.00	1882.99
B:	0.00	8.16
C:	32.00	24.84
D:	59.00	1090.03
E:	0.00	27.11
F:	14.00	34.69
G:	17.00	940.72
Q:	0.00	1848.35

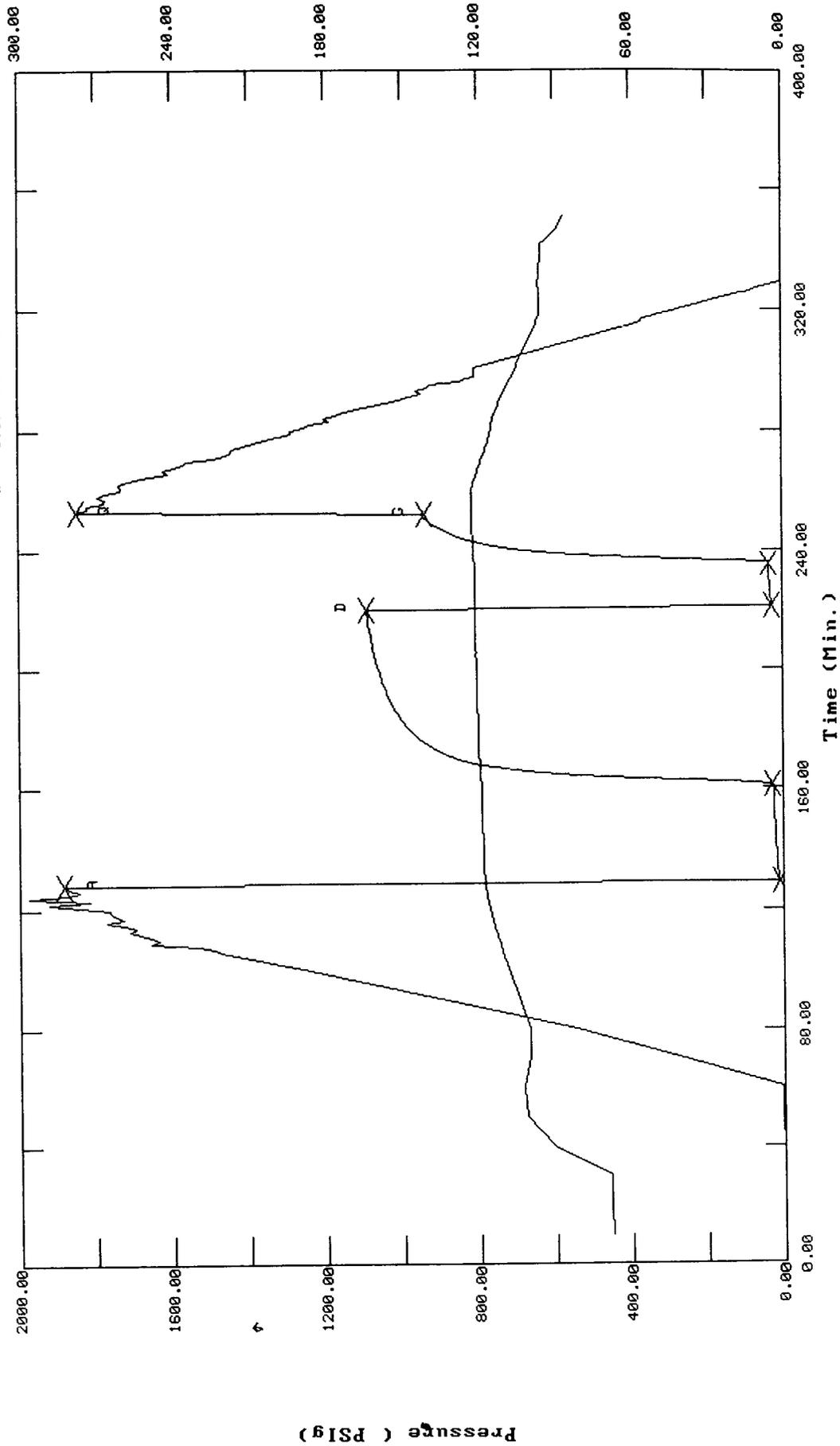
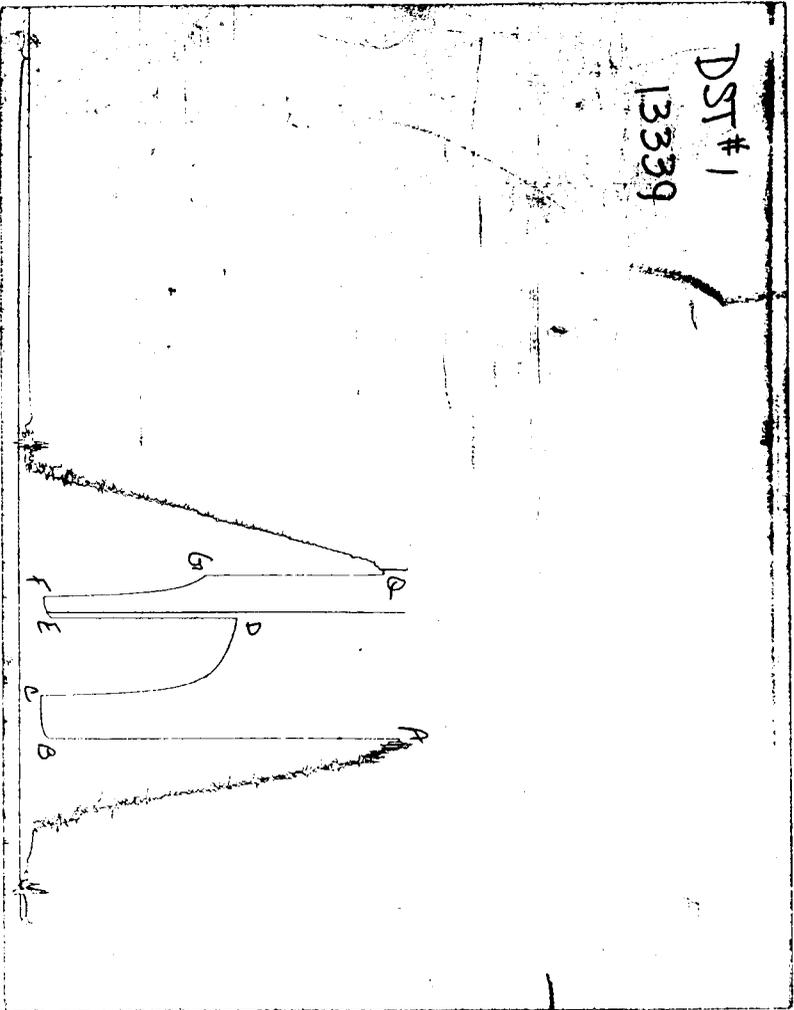


CHART PAGE



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

TRILOBITE TESTING L.L.C.

OPERATOR : Ranken Energy Corp.

DATE 7-25-97

WELL NAME: Kriss Farms #1-27

KB 3385.00 ft

TICKET NO: 10309 DST #2

LOCATION : 27-6S-36W Thomas KS.

GR 3380.00 ft

FORMATION: Myrick Station

INTERVAL : 4632.00 To 4680.00 ft

TD 4911.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	13309	13309	2341		13339	PF Fr. 0533 to 0548 hr
SI 45	Range(Psi)	4700.0	4700.0	4995.0	0.0	4025.0	IS Fr. 0548 to 0633 hr
SF 5	Clock(hrs)	12 HR	12 hr	ALP.		12 HR	SF Fr. 0633 to 0640 hr
FS 0	Depth(ft)	4670.0	4670.0	4640.0	0.0	4906.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2429.0	2492.0	2391.0	0.0	2553.0	T STARTED 0330 hr
B. First Flow	23.0	33.0	16.0	0.0	0.0	T ON BOTM 0530 hr
B1. Final Flow	23.0	33.0	18.0	0.0	0.0	T OPEN 0533 hr
C. In Shut-in	1464.0	1460.0	1469.0	0.0	0.0	T PULLED 0640 hr
D. Init Flow	23.0	35.0	19.0	0.0	0.0	T OUT 0900 hr
E. Final Flow	23.0	35.0	19.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2347.0	2346.0	2291.0	0.0	2513.0	Tool Wt. 2500.00 lbs
Inside/Outside	O	O	I		S	Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 60000.00 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 4276.00 ft
						H.W. I.D 2.80 in
						H.W. Length 346.00 ft

RECOVERY

Tot Fluid 5.00 ft of 0.00 ft in DC and 5.00 ft in DP
 5.00 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 1/4" blow died in 13 mins.

Final Flow:
 No return blow - Tool out of hole
 at company orders

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	45.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	133.00 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	Rod Steinbrink
Co. Rep.	Mark/Tom
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Kriss Farms #1-27

LOCATION : 27-6S-36W Thomas KS.

PICKET No. 10309 D.S.T. No. 2 DATE 7-25-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL 16

BOTTOM PACKERS AND ANCHOR 8

TOTAL TOOL 44

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands 4 Single Total 252

TOTAL ASSEMBLY 296

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands74 Single 1 Total 4622

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4918

TOTAL DEPTH 4911

TOTAL DRILL PIPE ABOVE K.B. 7

REMARKS:

P.O. SUB 1' Above 120' WP	4492
C.O. SUB 1'	4612
S.I. TOOL 5'	4618
HMV 5'	4623
JARS N/A	
SAFETY JOINT N/A	
PACKER 4'	4627
PACKER 5'	4632
DEPTH	
STUBB 1'	4633
ANCHOR	
4' Perf.	4637
Alp. Rec. @	4640
1' CO Sub	4638
30' WP	4668
1' CO Sub	4669
AK-1 Rec. @	4670
5' Perf.	4674
1' Blank Off Sub	4675
T.C. 4'	4679
DEPTH	
PACKER 1'	4680
1' Stubb	4681
1' CO Sub	4682
222' WP	4904
1' CO Sub	4905
AK-1 Rec. @	4906
BULLNOSE 5'	
T.D.	4911

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10309 DST #2 Kriss Farms #1-27 Ranken Energy Corp.

DATE: 07/25/97 TIME: 03:30:34

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	123.00	2452.9	0.0	130.39		
***** Start Flow 1	0.00	16.5	0.0	130.33		
	1.00	16.8	0.3	130.32		
	2.00	16.9	0.4	130.30		
	3.00	16.9	0.4	130.27		
	4.00	17.0	0.6	130.26		
	5.00	17.1	0.7	130.25		
	6.00	17.3	0.8	130.25		
	7.00	17.4	1	130.28		
	8.00	17.6	1.2	130.32		
	9.00	17.7	1.3	130.37		
	10.00	18.0	1.6	130.41		
	11.00	18.1	1.6	130.45		
	12.00	18.0	1.6	130.55		
	13.00	18.0	1.5	130.65		
	14.00	18.0	1.6	130.72		
***** End Flow 1	15.00	18.0	1.6	130.75		
***** Start Shutin 1	0.00	18.0	0.0	130.75	0.0000	0.000
	1.00	21.8	3.8	130.87	16.0000	0.000
	2.00	51.4	33.4	130.93	8.5000	0.003
	3.00	149.4	131.4	131.01	6.0000	0.022
	4.00	297.6	279.6	131.09	4.7500	0.089
	5.00	437.8	419.7	131.17	4.0000	0.192
	6.00	558.4	540.3	131.27	3.5000	0.312
	7.00	662.3	644.2	131.36	3.1429	0.439
	8.00	751.4	733.4	131.46	2.8750	0.565
	9.00	828.5	810.5	131.55	2.6667	0.686
	10.00	895.3	877.3	131.64	2.5000	0.802
	11.00	952.8	934.8	131.74	2.3636	0.908
	12.00	1003.7	985.6	131.83	2.2500	1.007
	13.00	1048.7	1030.6	131.90	2.1538	1.100
	14.00	1088.6	1070.6	132.03	2.0714	1.185
	15.00	1124.2	1106.2	132.09	2.0000	1.264
	16.00	1155.9	1137.9	132.19	1.9375	1.336
	17.00	1184.4	1166.4	132.23	1.8824	1.403
	18.00	1210.0	1192.0	132.32	1.8333	1.464
	19.00	1233.2	1215.1	132.37	1.7895	1.521
	20.00	1254.2	1236.2	132.45	1.7500	1.573
	21.00	1273.2	1255.2	132.51	1.7143	1.621
	22.00	1290.5	1272.5	132.58	1.6818	1.665
	23.00	1306.1	1288.1	132.65	1.6522	1.706
	24.00	1320.5	1302.5	132.69	1.6250	1.744
	25.00	1333.6	1315.6	132.77	1.6000	1.779
	26.00	1345.8	1327.8	132.80	1.5769	1.811
	27.00	1356.9	1338.9	132.86	1.5556	1.841
	28.00	1367.1	1349.1	132.90	1.5357	1.869
	29.00	1376.6	1358.5	132.97	1.5172	1.895
	30.00	1385.3	1367.3	133.00	1.5000	1.919
	31.00	1393.4	1375.3	133.06	1.4839	1.941
	32.00	1400.9	1382.8	133.12	1.4688	1.962
	33.00	1407.8	1389.8	133.14	1.4545	1.982

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10309 DST #2 Kriss Farms #1-27 Ranken Energy Corp.

DATE: 07/25/97

TIME: 03:30:34

	Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	34.00	1414.3	1396.2		133.20	1.4412	2.000
	35.00	1420.4	1402.4		133.24	1.4286	2.018
	36.00	1426.0	1408.0		133.29	1.4167	2.034
	37.00	1431.3	1413.2		133.32	1.4054	2.048
	38.00	1436.2	1418.2		133.37	1.3947	2.063
	39.00	1441.0	1422.9		133.41	1.3846	2.076
	40.00	1445.4	1427.3		133.47	1.3750	2.089
	41.00	1449.7	1431.6		133.48	1.3659	2.102
	42.00	1453.6	1435.5		133.52	1.3571	2.113
	43.00	1457.1	1439.1		133.57	1.3488	2.123
	44.00	1460.7	1442.6		133.62	1.3409	2.134
	45.00	1463.9	1445.9		133.63	1.3333	2.143
	46.00	1466.9	1448.9		133.68	1.3261	2.152
***** End Shut-in 1	47.00	1469.4	1451.3		133.69	1.3191	2.159
***** Start Flow 2	0.00	19.6	0.0		133.63		
	1.00	19.8	0.2		133.60		
	2.00	19.6	0.0		133.58		
	3.00	19.7	0.1		133.54		
	4.00	19.7	0.1		133.51		
	5.00	19.8	0.2		133.50		
	6.00	19.7	0.1		133.49		
***** End Flow 2	7.00	19.9	0.3		133.49		
***** Start Shutin 2	0.00	19.9	0.0		133.49	0.0000	0.000
	1.00	2247.5	2227.6		133.64	23.0000	5.051
***** End Shut-in 2	2.00	2291.9	2272.0		133.75	12.0000	5.253
***** Final Hydro.	196.00	2291.9	0.0		133.75		

TEST HISTORY

10309 DST #2 Kriss Farms #1-27 Ranken Energy Corp.

Flag Points

t<Min.> P<PSig>

A: 0.00 2452.94
 B: 0.00 16.45
 C: 15.00 18.02
 D: 47.00 1469.36
 E: 0.00 19.61
 F: 7.00 19.91
 Q: 0.00 2291.94

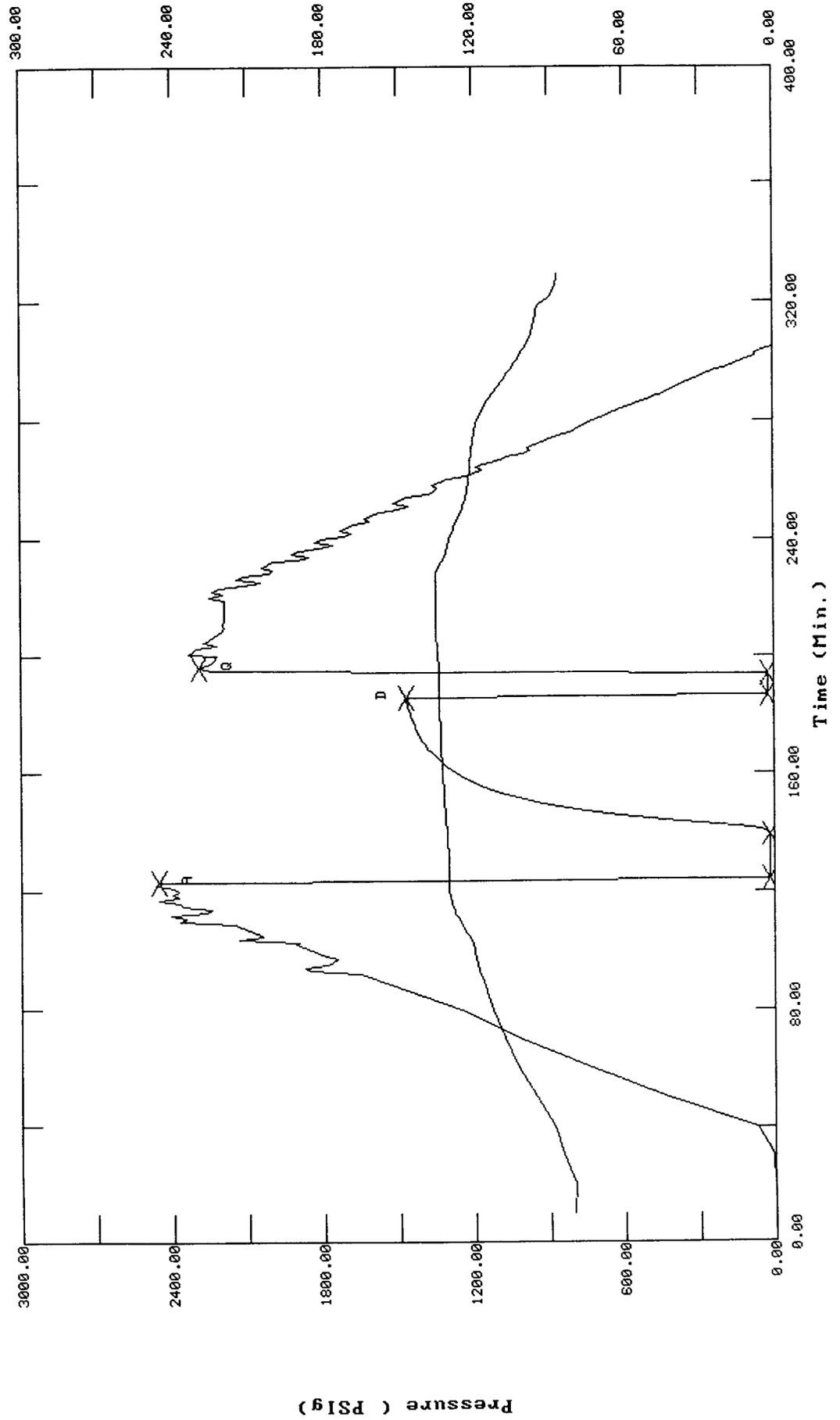
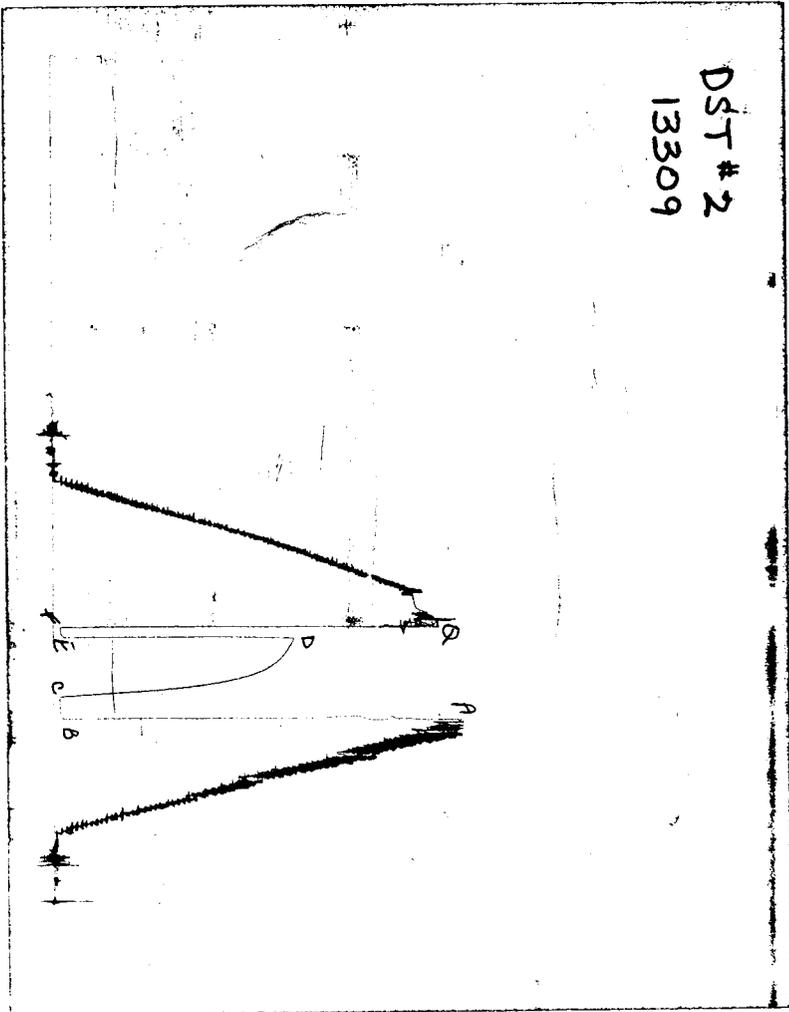


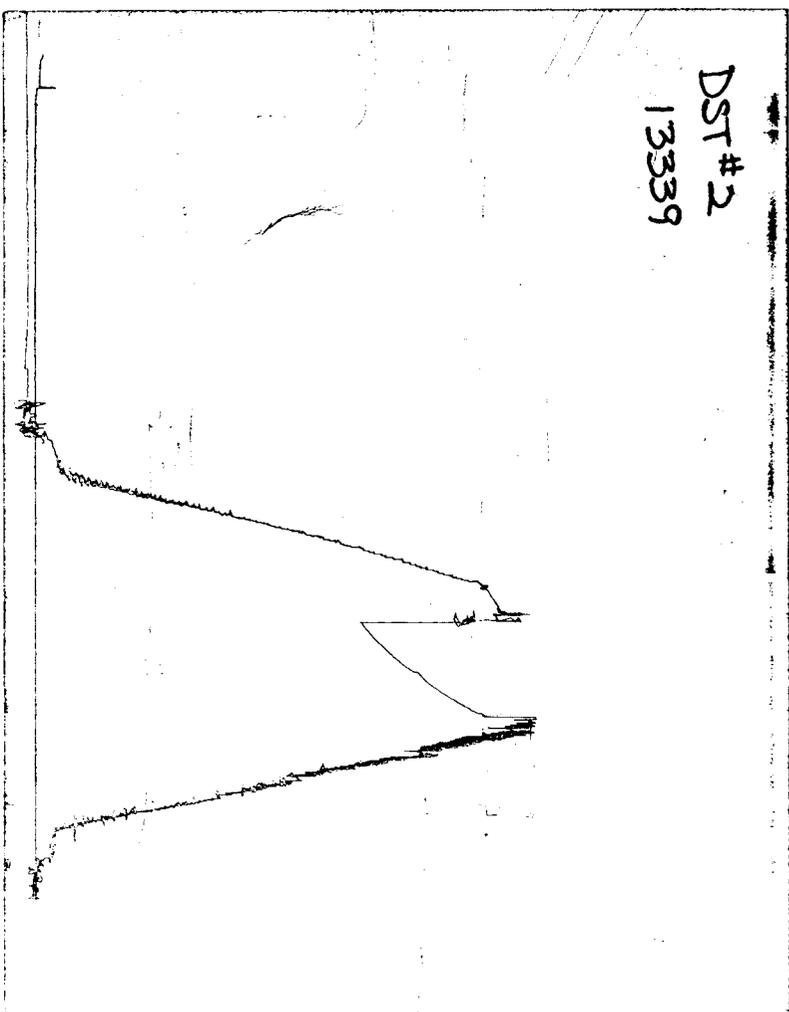
CHART PAGE

DST # 2
13309



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

CHART PAGE



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