

WELL NAME: Jorgenson # 1
COMPANY: Parrish Corporation
LOCATION: 21-14S-28W
Gove County Kansas
DATE: 11/14/97

TRILOBITE TESTING L.L.C.

OPERATOR : Parrish Corporation
WELL NAME: Jorgenson # 1
LOCATION : 21-14S-28W Gove Co KS
INTERVAL : 3933.00 To 4010.00 ft

DATE 11/9/97
KB 2615.00 ft TICKET NO: 10484 DST #1
GR 2610.00 ft FORMATION: Lansing KC "I & J"
TD 4010.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13276			PF Fr. 0820 to 0850 hr
SI 45 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0850 to 0935 hr
SF 30 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0935 to 1005 hr
FS 45 Depth(ft)	4005.0	4005.0	4000.0	0.0	0.0	FS Fr. 1005 to 1050 hr

	Field	1	2	3	4	
A. Init Hydro	1992.0	2011.0	0.0	0.0	0.0	T STARTED 0600 hr
B. First Flow	31.0	99.0	0.0	0.0	0.0	T ON BOTM 0800 hr
B1. Final Flow	31.0	63.0	0.0	0.0	0.0	T OPEN 0820 hr
C. In Shut-in	426.0	450.0	0.0	0.0	0.0	T PULLED 1050 hr
D. Init Flow	31.0	103.0	0.0	0.0	0.0	T OUT 1230 hr
E. Final Flow	31.0	69.0	0.0	0.0	0.0	
F. Fl Shut-in	363.0	399.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1962.0	1976.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 40000.00 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 0.00 ft
						H.W. I.D 3922.00 in

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
20.00 ft of Drilling Mud with slight show of Oil
0.00 ft of
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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak surface blow, built to 1/5"

Initial Shut In:

Final Flow:
No return blow

Final Shut In:

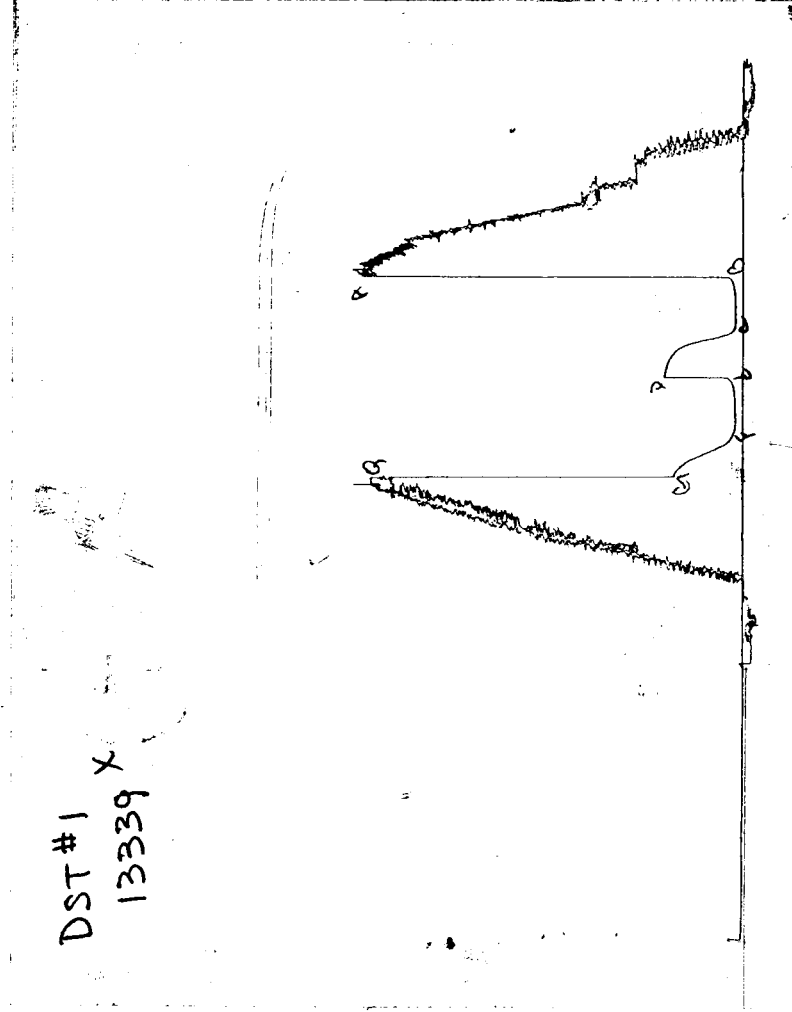
SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.30 lb/cf
Vis. 47.00 S/L
W.L. 9.00 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 121.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. John Rose
Contr. L D Davis
Rig # 1
Unit #
Pump T.

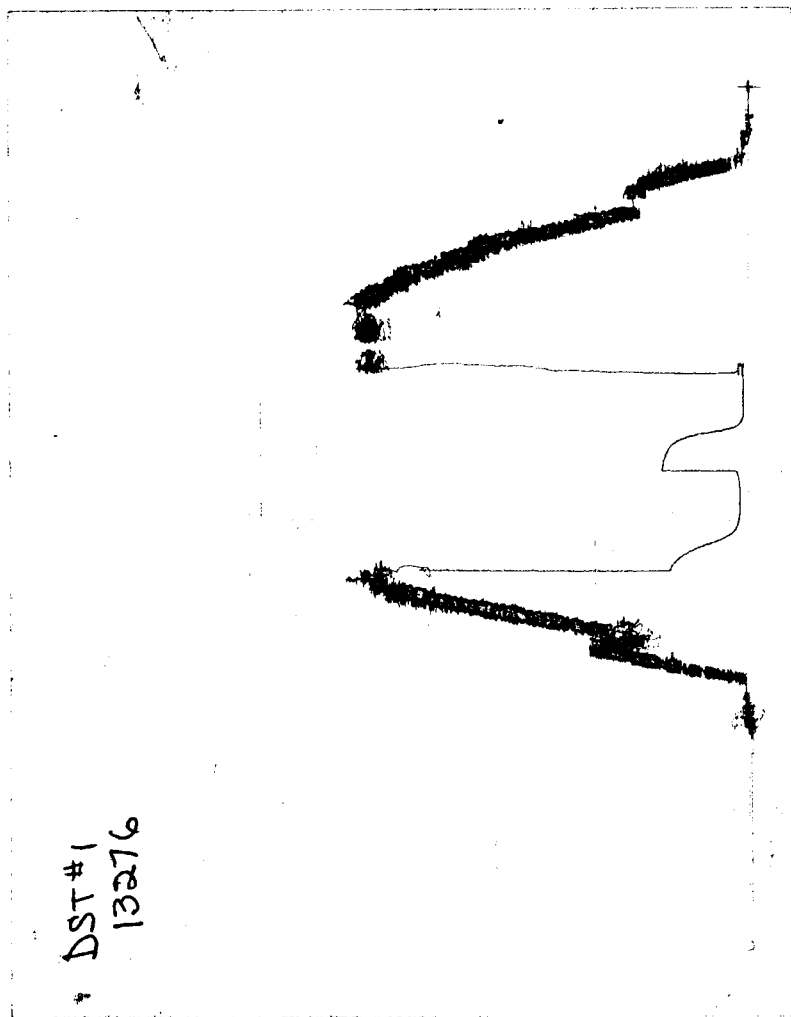
Test Successful: Y

CHART PAGE



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CHART PAGE



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TRILOBITE TESTING L.L.C.

OPERATOR : Parrish Corporation
WELL NAME: Jorgenson #1
LOCATION : 21-14S-28W Gove Co KS
INTERVAL : 4009.00 To 4090.00 ft

DATE 11/18/97
KB 2615.00 ft TICKET NO: 10485 DST #2
GR 2610.00 ft FORMATION: Lansing KC K-L/Marm.
TD 4090.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 0 Rec.						PF Fr. to hr
SI 0 Range(Psi)	0.0	0.0	0.0	0.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)						SF Fr. to hr
FS 0 Depth(ft)	0.0	0.0	0.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0300 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0400 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0530 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	
Inside/Outside						

RECOVERY

Tot Fluid 0.00 ft of 0.00 ft in DC and 0.00 ft in DP
0.00 ft of
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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Lost volume after tool was made up in table, Ran in to 1950, not displacing fluid, Tool out of hole at company order

TOOL DATA-----
Tool Wt. 1800.00 lbs
Wt Set On Packer 30000.00 lbs
Wt Pulled Loose 0.00 lbs
Initial Str Wt 42000.00 lbs
Unseated Str Wt 0.00 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 4077.00 ft

MUD DATA-----
Mud Type Chemical
Weight 9.40 lb/cf
Vis. 50.00 S/L
W.L. 8.00 in3
F.C. 0.00 in
Mud Drop

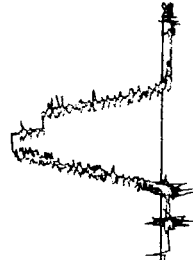
Amt. of fill 0.00 ft
Btm. H. Temp. 0.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. John Rose
Contr. L D Davis
Rig # 1
Unit #
Pump T.

SAMPLES:
SENT TO:

Test Successful: N

CHART PAGE

DST#2
13339



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CHART PAGE

DST# 2
13276



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

TRILOBITE TESTING L.L.C.

OPERATOR : Parrish Corporation
WELL NAME: Jorgenson # 1
LOCATION : 21-14S-28W Gove Co KS
INTERVAL : 4070.00 To 4150.00 ft

DATE 11/10/97
KB 2615.00 ft TICKET NO: 10486 DST #3
GR 2610.00 ft FORMATION: Altamont
TD 4150.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13276			PF Fr. 2208 to 2238 hr
SI 30 Range(Psi)	4000.0	4000.0	4080.0	0.0	0.0	IS Fr. 2238 to 2308 hr
SF 10 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 2308 to 2318 hr
FS 0 Depth(ft)	4145.0	4145.0	4080.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2043.0	0.0	0.0	0.0	0.0	T STARTED 2015 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 2200 hr
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 2208 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 2318 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0045 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2023.0	0.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 42000.00 lbs
						Unseated Str Wt 42000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.20 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4077.00 ft

RECOVERY

Tot Fluid 0.00 ft of 0.00 ft in DC and 0.00 ft in DP
0.00 ft of
0.00 ft of
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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak 1/8" blow died in 25 mins

Torque on tool

Final Flow:

Pipe torqued Tool out of hole to check

SAMPLES:

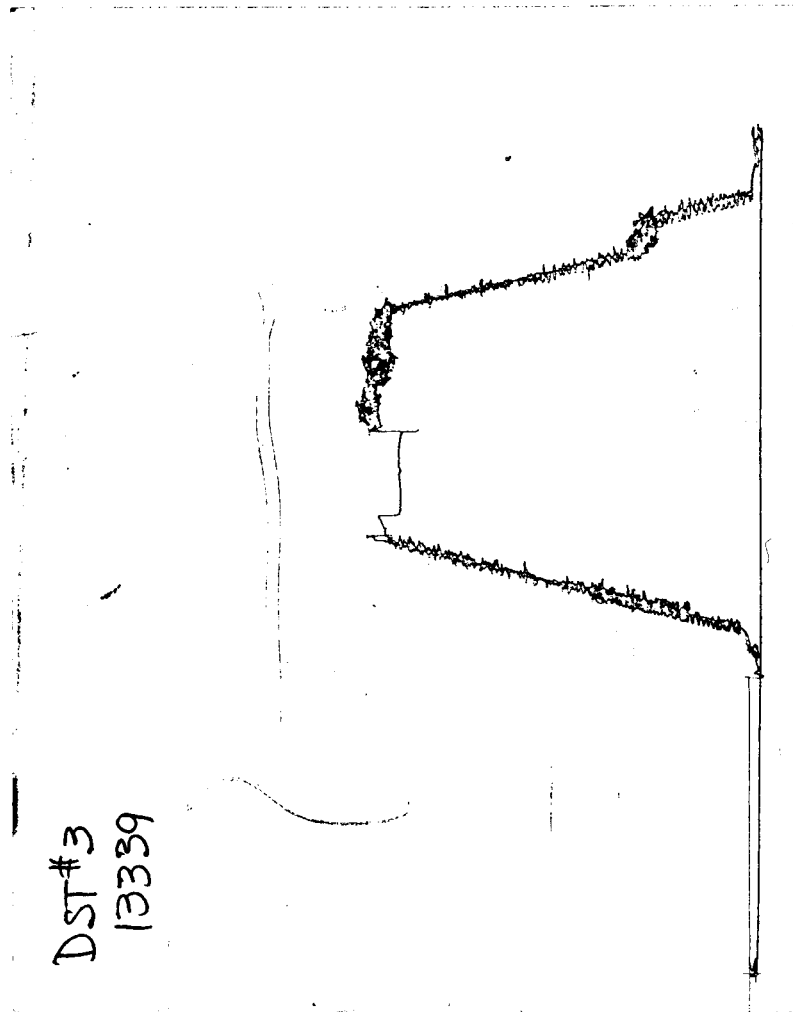
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.00 lb/cf
Vis. 56.00 S/L
W.L. 8.40 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 117.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. John Rose
Contr. L D Davis
Rig #
Unit #
Pump T.

Test Successful: N

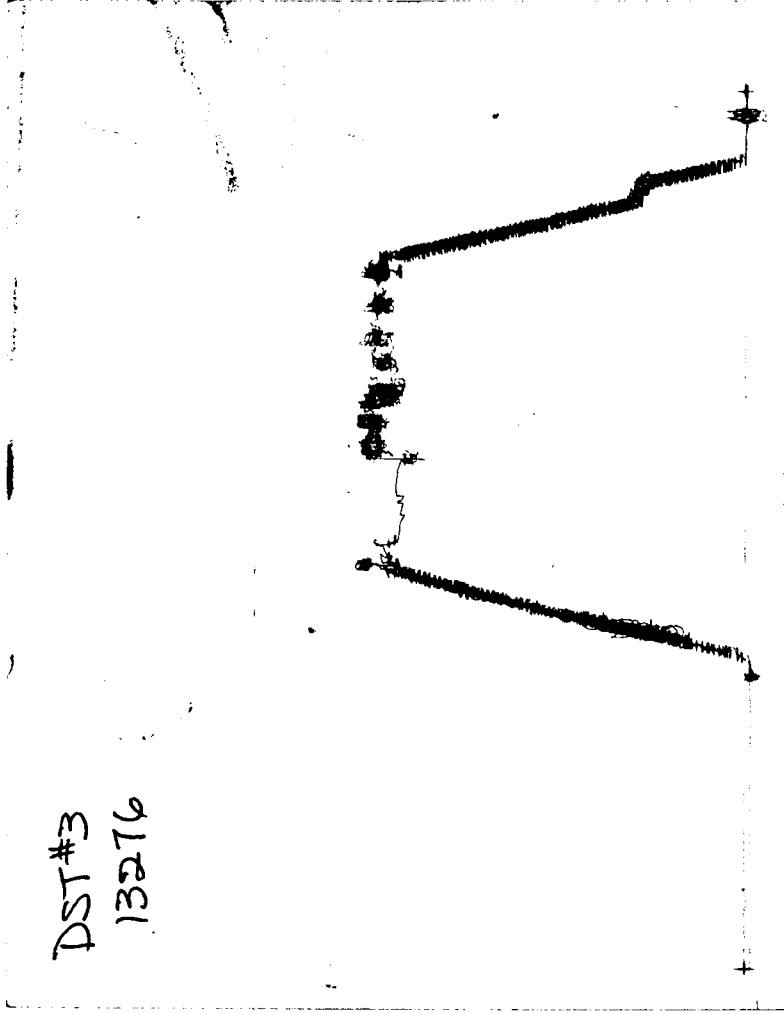
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CHART PAGE

DST#3
13276



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TRILOBITE TESTING L.L.C.

OPERATOR : Parrish Corporation
WELL NAME: Jorgenson # 1
LOCATION : 21-14S-28W Gove Co KS
INTERVAL : 4070.00 To 4150.00 ft

DATE 11/11/97
KB 2615.00 ft TICKET NO: 10487 DST #4
GR 2610.00 ft FORMATION: Altamont
TD 4150.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	13276			PF Fr. 0240 to 0325 hr
SI 60 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0325 to 0425 hr
SF 45 Clock(hrs)	12 hr	12 hr	12 hr			SF Fr. 0425 to 0510 hr
FS 60 Depth(ft)	4145.0	4145.0	4080.0	0.0	0.0	FS Fr. 0510 to 0610 hr

	Field	1	2	3	4	
A. Init Hydro	2013.0	2003.0	0.0	0.0	0.0	T STARTED 0100 hr
B. First Flow	104.0	116.0	0.0	0.0	0.0	T ON BOTM 0220 hr
Bl. Final Flow	135.0	186.0	0.0	0.0	0.0	T OPEN 0240 hr
C. In Shut-in	1251.0	1251.0	0.0	0.0	0.0	T PULLED 0610 hr
D. Init Flow	187.0	217.0	0.0	0.0	0.0	T OUT 0830 hr
E. Final Flow	207.0	217.0	0.0	0.0	0.0	
F. Fl Shut-in	699.0	719.0	0.0	0.0	0.0	
G. Final Hydro	1992.0	1833.0	0.0	0.0	0.0	
Inside/Outside	O	O	I			

RECOVERY

Tot Fluid 360.00 ft of 0.00 ft in DC and 360.00 ft in DP
30.00 ft of Gas in pipe
60.00 ft of Gassy Slightly Oil Cut Mud - 10%g 5%o 85%m
120.00 ft of Gassy Oil Cut Mud - 30%g 10%o 60%m
60.00 ft of Gassy Watery Mud Cut Oil-35%g 15%w 20%m 30%o
60.00 ft of Gassy Oil Cut Watery Mud-30%g 15%w 23%o 32%m
60.00 ft of Gassy Watery Mud Cut Oil-38%g 17%w 20%m 25%o
0.00 ft of
0.00 ft of

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

BLOW DESCRIPTION

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.00 lb/cf
Vis. 56.00 S/L
W.L. 8.40 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 128.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. John Rose
Contr. L D Davis
Rig # 1
Unit #
Pump T.

Test Successful: Y

CALCULATED RECOVERY ANALYSIS

DST 4

TICKET 10487

SAMPLE		TOTAL		GAS		OIL		WATER		MUD	
#		FEET	%	FEET	%	FEET	%	FEET	%	FEET	%
DRILL	1	60	10	6	5	3		0	85	51	
PIPE	2	120	30	36	10	12		0	60	72	
	3	60	35	21	30	18	15	9	20	12	
	4	60	30	18	23	13.8	15	9	32	19.2	
	5	60	38	22.8	25	15	17	10.2	20	12	
	6			0		0		0		0	
WEIGHT	1			0		0		0		0	
PIPE	2			0		0		0		0	
	3			0		0		0		0	
	4			0		0		0		0	
DRILL	1			0		0		0		0	
COLLARS	2			0		0		0		0	
	3			0		0		0		0	
	4			0		0		0		0	
	5			0		0		0		0	
TOTAL		360		103.8		61.8		28.2		166.2	

			HRS OPEN		BBL/DAY
BBL OIL=	0.878796	*	1.5	=	14.06074
BBL WATER=	0.401004	*		=	6.416064
BBL MUD=	2.363364				
BBL GAS =	1.476036				

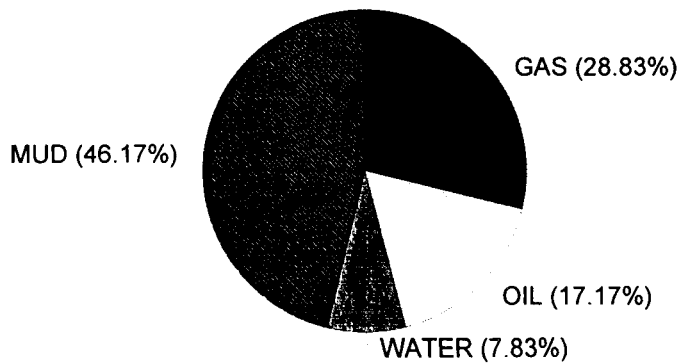
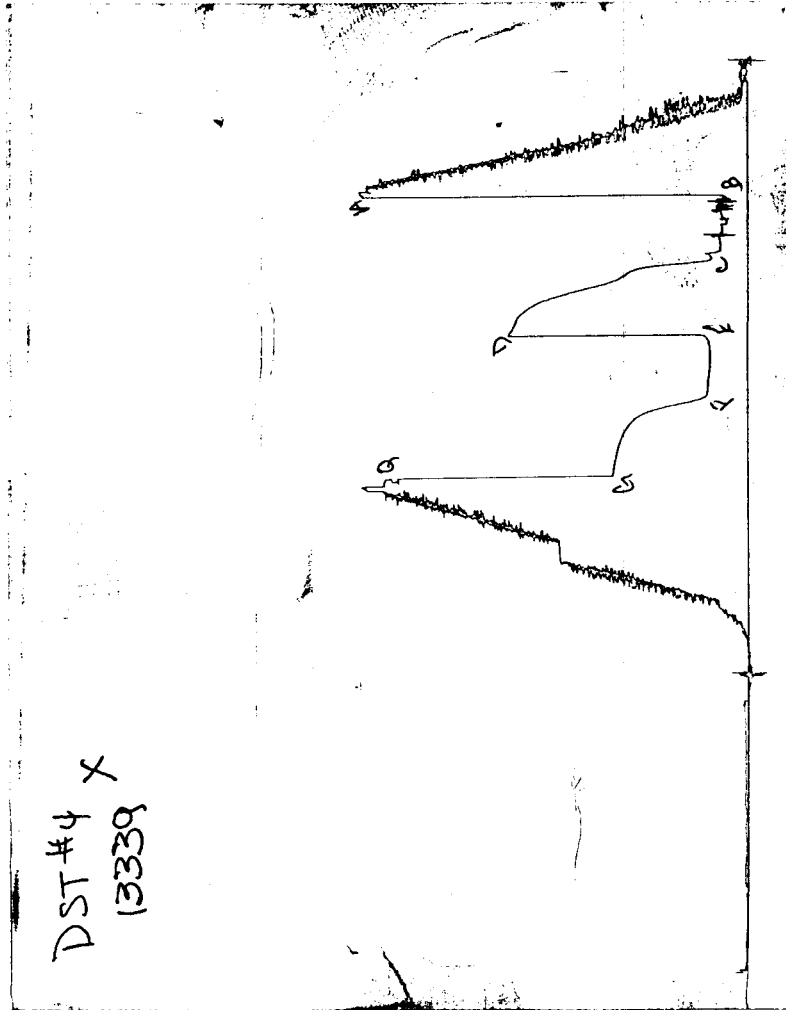


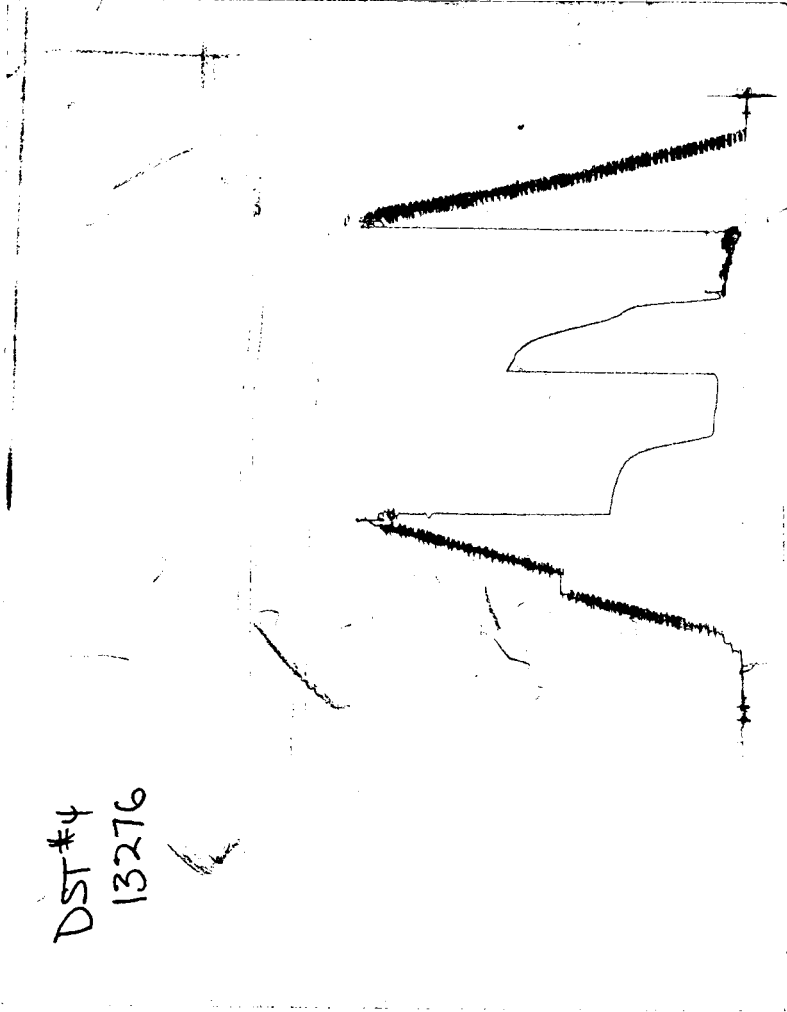
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CHART PAGE

DST #4
13276



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**TRILOBITE
TESTING L.L.C.**

24 Hour # 800-728-5369
Hays, FAX # 913-625-5820

Hays, KS 67801
Ph: (313) 625-4778
Paul Simpson
Dan Bangle

Scott City, KS 67871
Ph: (316) 872-5479
Rod Steinbrink
Shane McBride

Saliente, KS 67870
Ph: (316) 849-3137
Tom Horacek
Mike Collantorio

Pratt, KS 67124
Ph: (316) 872-8679
Gary Peroteaux
Darren Amefine

30' GIP

60' GOCM 10% gas 5% oil 85% mud

120' GOCM 30% gas 10% oil 60% mud

60' GOWCM 50% gas 15% oil 15% wtr 20% mud

60' GOWCM 45% gas 10% oil 15% wtr 30% mud

60' GOWCM 50% gas 10% oil 20% wtr 20% mud

TRILOBITE TESTING L.L.C.

OPERATOR : Parrish Corporation
WELL NAME: Jorgenson #1
LOCATION : 21-14S-28W Gove KS.
INTERVAL : 4194.00 To 4255.00 ft

DATE 11-12-97
KB 2615.00 ft TICKET NO: 10488 DST #5
GR 2610.00 ft FORMATION: Myrik Station
TD 4255.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13339	13339	2342			PF Fr. 0229 to 0315 hr
SI 45 Range(Psi)	4000.0	4000.0	4995.0	0.0	0.0	IS Fr. 0315 to 0400 hr
SF 45 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 0400 to 0445 hr
FS 45 Depth(ft)	4250.0	4250.0	4196.0	0.0	0.0	FS Fr. 0445 to 0530 hr

	Field	1	2	3	4	
A. Init Hydro	2073.0	2128.0	2005.0	0.0	0.0	T STARTED 0043 hr
B. First Flow	31.0	117.0	14.0	0.0	0.0	T ON BOTM 0226 hr
B1. Final Flow	31.0	70.0	10.0	0.0	0.0	T OPEN 0229 hr
C. In Shut-in	52.0	83.0	30.0	0.0	0.0	T PULLED 0530 hr
D. Init Flow	31.0	75.0	9.0	0.0	0.0	T OUT 0730 hr
E. Final Flow	31.0	73.0	11.0	0.0	0.0	
F. Fl Shut-in	41.0	83.0	29.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2053.0	1999.0	1952.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 45000.00 lbs
						Unseated Str Wt 45000.00 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 4201.00 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
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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak surface blow built to 1/2"

Initial Shut In:
No blow

Final Flow:
Weak surface blow steady throughout

Final Shut In:
No blow

SAMPLES:
SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	50.00 S/L
W.L.	9.00 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.	John Rose
Contr.	L.D.Davis
Rig #	1
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Jorgenson #1

LOCATION : 21-14S-28W Gove KS.

TICKET No. 10488 D.S.T. No. 5 DATE 11-12-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 30

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 52

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 83

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands68 Single Total 4201

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4284

TOTAL DEPTH 4255

TOTAL DRILL PIPE ABOVE K.B. 29

REMARKS:

P.O. SUB 1' Above 120' DP	4052
C.O. SUB 1'	4172
S.I. TOOL 5'	4178
HMV 5'	4183
JARS N/A	
SAFETY JOINT 2'	4185
PACKER Top 4'	4189
PACKER Bottom 5'	4194
DEPTH STUBB 1'	4195
ANCHOR	
Alpine rec. @ 4196	
21' Perf	4217
1' CO Sub	4218
31' DP	4249
1' CO Sub	4250
T.C. DEPTH	
AK-1 Rec. @ 4250	
BULLNOSE 5'	
T.D.	4255

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10488 DST #5 Jorgenson #1 Parrish Corp.

DATE: 11/12/97 TIME: 00:43:32

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	101.00	2005.8	0.0	111.20		
***** Start Flow 1	0.00	14.1	0.0	111.30		
	1.00	14.5	0.4	111.47		
	2.00	14.9	0.8	111.65		
	3.00	15.3	1.2	111.80		
	4.00	15.4	1.3	111.93		
	5.00	15.7	1.6	112.07		
	6.00	15.9	1.8	112.20		
	7.00	16.1	2.0	112.32		
	8.00	16.2	2.1	112.44		
	9.00	16.3	2.2	112.60		
	10.00	16.4	2.3	112.80		
	11.00	16.5	2.4	112.99		
	12.00	10.3	-3.8	113.15		
	13.00	10.2	-3.9	113.28		
	14.00	10.1	-3.9	113.40		
	15.00	10.2	-3.9	113.50		
	16.00	10.6	-3.5	113.60		
	17.00	10.8	-3.3	113.69		
	18.00	11.1	-3.0	113.77		
	19.00	11.2	-2.9	113.85		
	20.00	11.4	-2.7	113.92		
	21.00	11.4	-2.7	114.03		
	22.00	11.5	-2.6	114.19		
	23.00	11.5	-2.6	114.39		
	24.00	11.7	-2.4	114.56		
	25.00	11.8	-2.3	114.67		
	26.00	12.1	-2.0	114.75		
	27.00	12.2	-1.8	114.79		
	28.00	12.5	-1.6	114.82		
	29.00	12.7	-1.3	114.82		
	30.00	12.1	-2.0	114.82		
	31.00	8.6	-5.5	114.82		
	32.00	9.6	-4.4	114.83		
	33.00	8.0	-6.1	114.85		
	34.00	9.0	-5.1	114.89		
	35.00	5.8	-8.3	114.94		
	36.00	8.2	-5.9	114.99		
	37.00	9.1	-5.0	115.05		
	38.00	10.1	-4.0	115.11		
	39.00	6.5	-7.6	115.18		
	40.00	8.6	-5.5	115.25		
	41.00	9.6	-4.5	115.33		
	42.00	10.5	-3.6	115.39		
	43.00	7.5	-6.6	115.47		
	44.00	9.2	-4.9	115.54		
***** End Flow 1	45.00	10.1	-3.9	115.61		
***** Start Shutin 1	0.00	10.1	0.0	115.61	0.0000	0.000
	1.00	9.3	-0.8	115.69	46.0000	0.000
	2.00	10.2	0.1	115.76	23.5000	0.000
	3.00	10.1	0.0	115.84	16.0000	0.000

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10488 DST #5 Jorgenson #1 Parrish Corp.

DATE: 11/12/97

TIME: 00:43:32

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	4.00	10.6	0.4	115.90	12.2500	0.000
	5.00	10.7	0.6	115.98	10.0000	0.000
	6.00	11.0	0.8	116.05	8.5000	0.000
	7.00	11.1	0.9	116.12	7.4286	0.000
	8.00	11.2	1.0	116.19	6.6250	0.000
	9.00	11.2	1.1	116.27	6.0000	0.000
	10.00	11.2	1.1	116.35	5.5000	0.000
	11.00	11.4	1.3	116.42	5.0909	0.000
	12.00	11.4	1.3	116.48	4.7500	0.000
	13.00	11.5	1.3	116.55	4.4615	0.000
	14.00	11.6	1.4	116.63	4.2143	0.000
	15.00	11.7	1.5	116.70	4.0000	0.000
	16.00	11.7	1.5	116.76	3.8125	0.000
	17.00	11.7	1.5	116.84	3.6471	0.000
	18.00	12.0	1.8	116.91	3.5000	0.000
	19.00	12.7	2.6	116.98	3.3684	0.000
	20.00	13.6	3.4	117.05	3.2500	0.000
	21.00	14.3	4.1	117.11	3.1429	0.000
	22.00	14.9	4.8	117.18	3.0455	0.000
	23.00	15.7	5.5	117.24	2.9565	0.000
	24.00	16.4	6.2	117.32	2.8750	0.000
	25.00	17.0	6.9	117.38	2.8000	0.000
	26.00	17.7	7.6	117.44	2.7308	0.000
	27.00	18.3	8.1	117.51	2.6667	0.000
	28.00	19.0	8.8	117.58	2.6071	0.000
	29.00	19.7	9.6	117.64	2.5517	0.000
	30.00	20.3	10.2	117.70	2.5000	0.000
	31.00	21.0	10.8	117.77	2.4516	0.000
	32.00	21.5	11.3	117.83	2.4062	0.000
	33.00	22.1	12.0	117.89	2.3636	0.000
	34.00	22.8	12.7	117.95	2.3235	0.001
	35.00	23.5	13.3	118.01	2.2857	0.001
	36.00	24.0	13.8	118.07	2.2500	0.001
	37.00	24.7	14.5	118.13	2.2162	0.001
	38.00	25.3	15.2	118.20	2.1842	0.001
	39.00	25.9	15.8	118.26	2.1538	0.001
	40.00	26.5	16.4	118.32	2.1250	0.001
	41.00	27.0	16.9	118.38	2.0976	0.001
	42.00	27.8	17.6	118.44	2.0714	0.001
	43.00	28.4	18.2	118.49	2.0465	0.001
	44.00	29.0	18.9	118.56	2.0227	0.001
	45.00	29.4	19.2	118.62	2.0000	0.001
***** End Shut-in 1	46.00	30.0	19.9	118.67	1.9783	0.001
***** Start Flow 2	0.00	9.2	0.0	118.78		
	1.00	10.3	1.1	118.84		
	2.00	11.4	2.2	118.89		
	3.00	8.8	-0.4	118.95		
	4.00	9.9	0.7	119.00		
	5.00	10.8	1.6	119.06		
	6.00	11.6	2.3	119.11		
	7.00	9.4	0.2	119.16		

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10488 DST #5 Jorgenson #1 Parrish Corp.

DATE: 11/12/97

TIME: 00:43:32

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	8.00	10.3	1.1	119.22		
	9.00	11.1	1.8	119.28		
	10.00	11.8	2.6	119.33		
	11.00	9.4	0.2	119.39		
	12.00	10.2	1.0	119.45		
	13.00	11.1	1.8	119.50		
	14.00	11.7	2.5	119.56		
	15.00	9.6	0.4	119.61		
	16.00	10.4	1.2	119.67		
	17.00	11.2	1.9	119.71		
	18.00	11.8	2.6	119.78		
	19.00	8.8	-0.4	119.82		
	20.00	10.1	0.8	119.88		
	21.00	10.7	1.5	119.93		
	22.00	11.3	2.1	119.99		
	23.00	8.6	-0.7	120.04		
	24.00	10	0.8	120.09		
	25.00	10.7	1.4	120.15		
	26.00	11.2	2.0	120.19		
	27.00	10.3	1.1	120.24		
	28.00	11.0	1.8	120.29		
	29.00	11.7	2.4	120.35		
	30.00	9.6	0.4	120.39		
	31.00	10.4	1.2	120.44		
	32.00	10.9	1.7	120.50		
	33.00	11.6	2.3	120.54		
	34.00	12.1	2.9	120.60		
	35.00	9.5	0.3	120.64		
	36.00	10.1	0.9	120.69		
	37.00	10.7	1.5	120.73		
	38.00	11.4	2.2	120.78		
	39.00	12.0	2.8	120.83		
	40.00	9.6	0.3	120.87		
	41.00	10.2	1.0	120.92		
	42.00	10.9	1.7	120.97		
	43.00	11.4	2.2	121.02		
***** End Flow 2	44.00	12.0	2.8	121.07		
***** Start Shutin 2	0.00	12.0	0.0	121.07	0.0000	0.000
	1.00	10.5	-1.5	121.11	90.0000	0.000
	2.00	11.1	-0.9	121.16	45.5000	0.000
	3.00	11.6	-0.4	121.21	30.6667	0.000
	4.00	12.1	0.1	121.25	23.2500	0.000
	5.00	12.6	0.6	121.29	18.8000	0.000
	6.00	13.2	1.2	121.34	15.8333	0.000
	7.00	13.6	1.6	121.38	13.7143	0.000
	8.00	14.2	2.2	121.43	12.1250	0.000
	9.00	14.6	2.6	121.47	10.8889	0.000
	10.00	15.1	3.1	121.52	9.9000	0.000
	11.00	15.7	3.7	121.56	9.0909	0.000
	12.00	16.1	4.1	121.60	8.4167	0.000
	13.00	16.4	4.4	121.64	7.8462	0.000

 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10488 DST #5 Jorgenson #1 Parrish Corp.

DATE: 11/12/97 TIME: 00:43:32

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^6
	14.00	16.9	4.9	121.69	7.3571	0.000
	15.00	17.3	5.3	121.73	6.9333	0.000
	16.00	17.8	5.8	121.77	6.5625	0.000
	17.00	18.1	6.1	121.82	6.2353	0.000
	18.00	18.6	6.6	121.86	5.9444	0.000
	19.00	19.0	7.0	121.90	5.6842	0.000
	20.00	19.5	7.5	121.94	5.4500	0.000
	21.00	19.9	7.9	121.99	5.2381	0.000
	22.00	20.3	8.3	122.03	5.0455	0.000
	23.00	20.7	8.7	122.07	4.8696	0.000
	24.00	21.1	9.1	122.10	4.7083	0.000
	25.00	21.6	9.7	122.15	4.5600	0.000
	26.00	22.1	10.2	122.19	4.4231	0.000
	27.00	22.5	10.5	122.23	4.2963	0.001
	28.00	22.9	10.9	122.28	4.1786	0.001
	29.00	23.3	11.3	122.32	4.0690	0.001
	30.00	23.7	11.7	122.36	3.9667	0.001
	31.00	24.1	12.1	122.39	3.8710	0.001
	32.00	24.6	12.6	122.43	3.7812	0.001
	33.00	24.9	12.9	122.48	3.6970	0.001
	34.00	25.3	13.3	122.51	3.6176	0.001
	35.00	25.7	13.7	122.55	3.5429	0.001
	36.00	26.0	14.0	122.59	3.4722	0.001
	37.00	26.5	14.5	122.63	3.4054	0.001
	38.00	27.0	15.0	122.67	3.3421	0.001
	39.00	27.4	15.4	122.71	3.2821	0.001
	40.00	27.8	15.8	122.74	3.2250	0.001
	41.00	28.2	16.2	122.78	3.1707	0.001
	42.00	28.4	16.4	122.82	3.1190	0.001
	43.00	28.9	16.9	122.86	3.0698	0.001
	44.00	29.2	17.2	122.90	3.0227	0.001
***** End Shut-in 2	45.00	29.5	17.5	122.93	2.9778	0.001
***** Final Hydro.	286.00	1952.3	0.0	123.46		

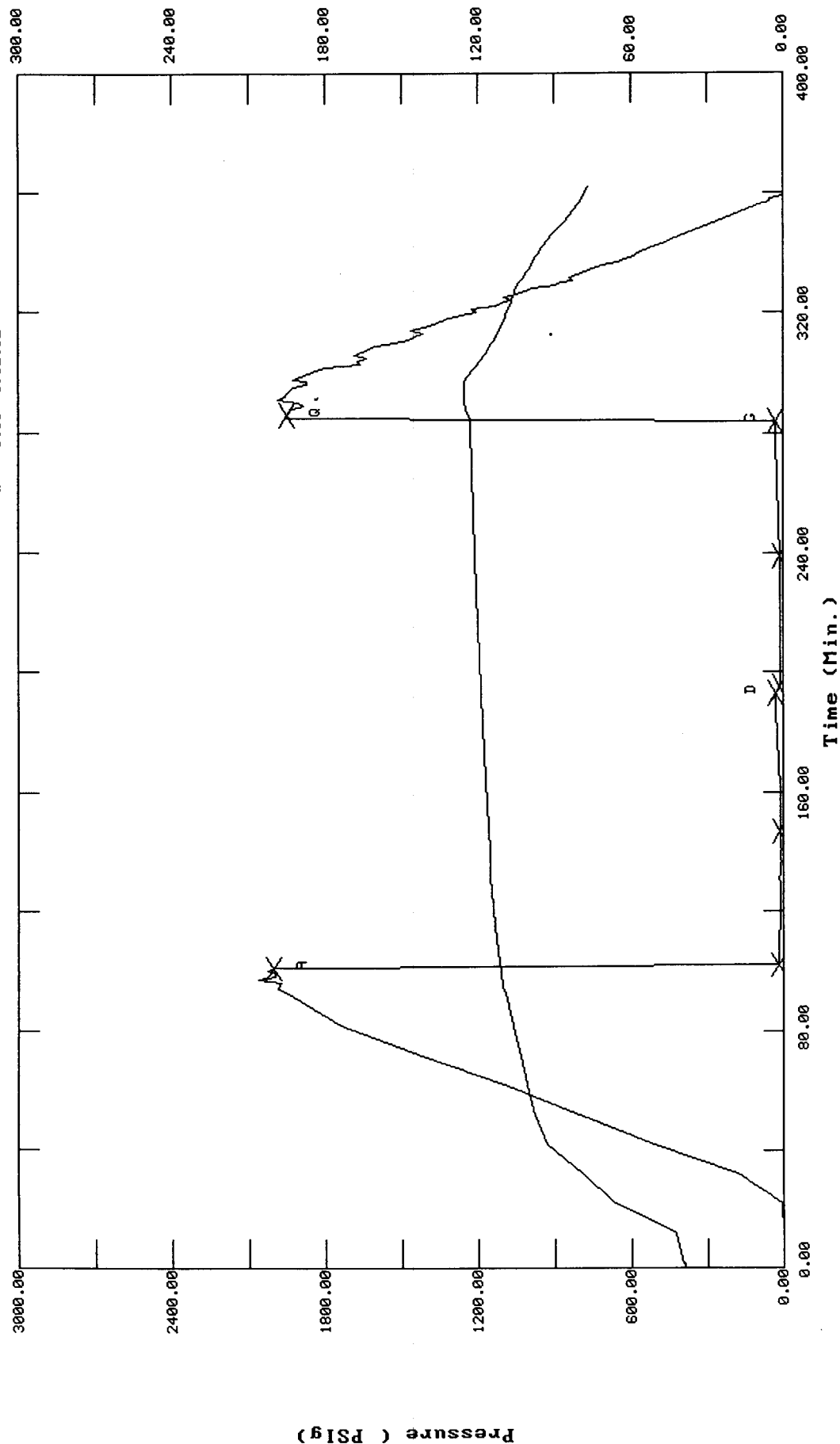
TEST HISTORY

10488 DST #5 Jorgenson #1 Parrish Corp.

Flag Points

t (Min.) P (PSig)

A: 0.00 2005.78
 B: 0.00 14.09
 C: 45.00 10.15
 D: 46.00 30.04
 E: 0.00 9.22
 F: 44.00 11.99
 G: 45.00 29.53
 Q: 0.00 1952.32



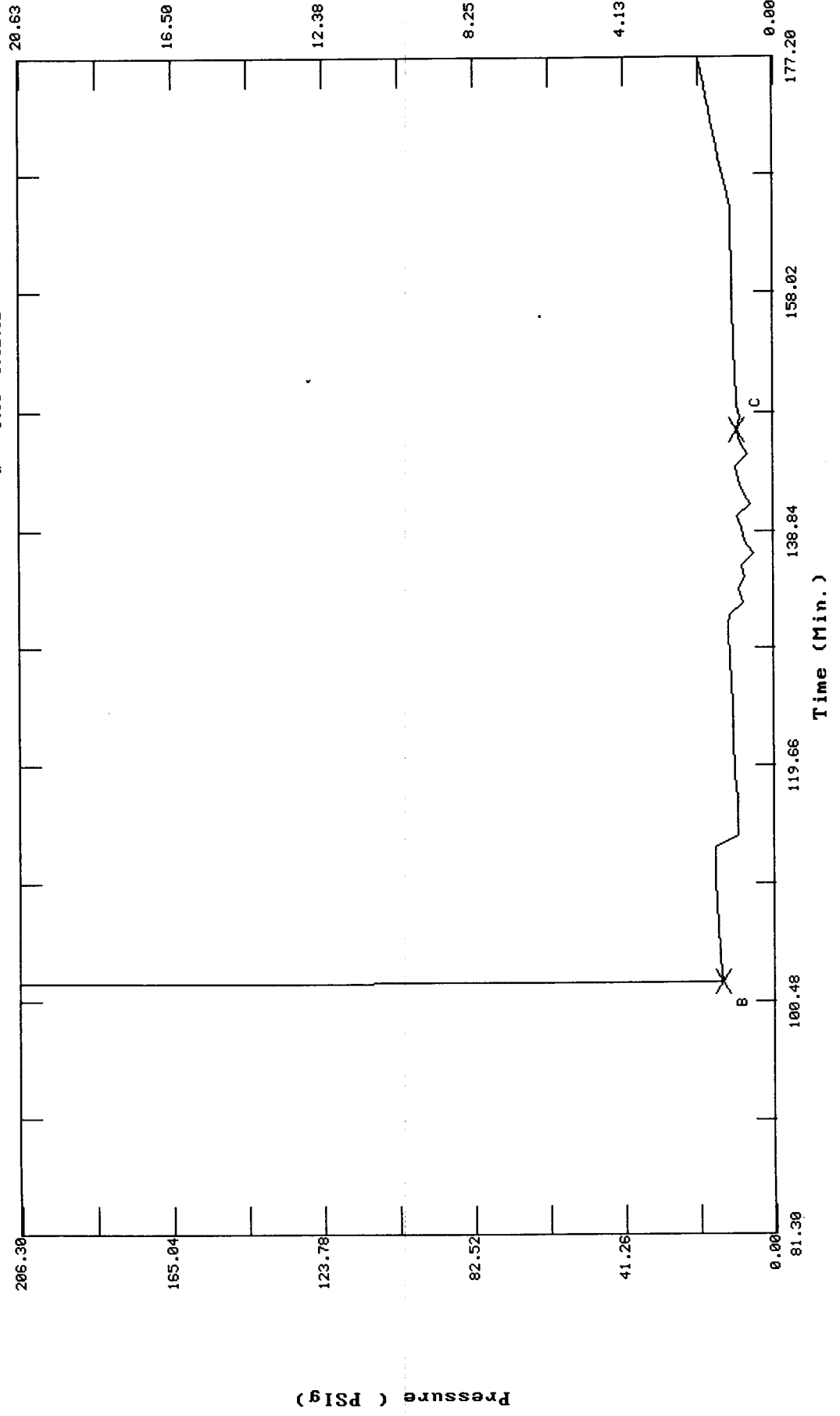
TEST HISTORY

10488 DST #5 Jorgenson #1 Parrish Corp.

Flag Points

t (Min.) P (PSig)

A: 0.00 2005.78
 B: 0.00 14.09
 C: 45.00 10.15
 D: 46.00 30.04
 E: 0.00 9.22
 F: 44.00 11.99
 G: 45.00 29.53
 Q: 0.00 1952.32



Pressure (PSig)

Temperature (DEG F)

Time (Min.)

TEST HISTORY 10488 DST #5 Jorgenson #1 Parrish Corp.

Flag Points

t(Min.) P(PSig)

A: 0.00 2005.78
 B: 0.00 14.09
 C: 45.00 10.15
 D: 46.00 30.04
 E: 0.00 9.22
 F: 44.00 11.99
 G: 45.00 29.53
 Q: 0.00 1952.32

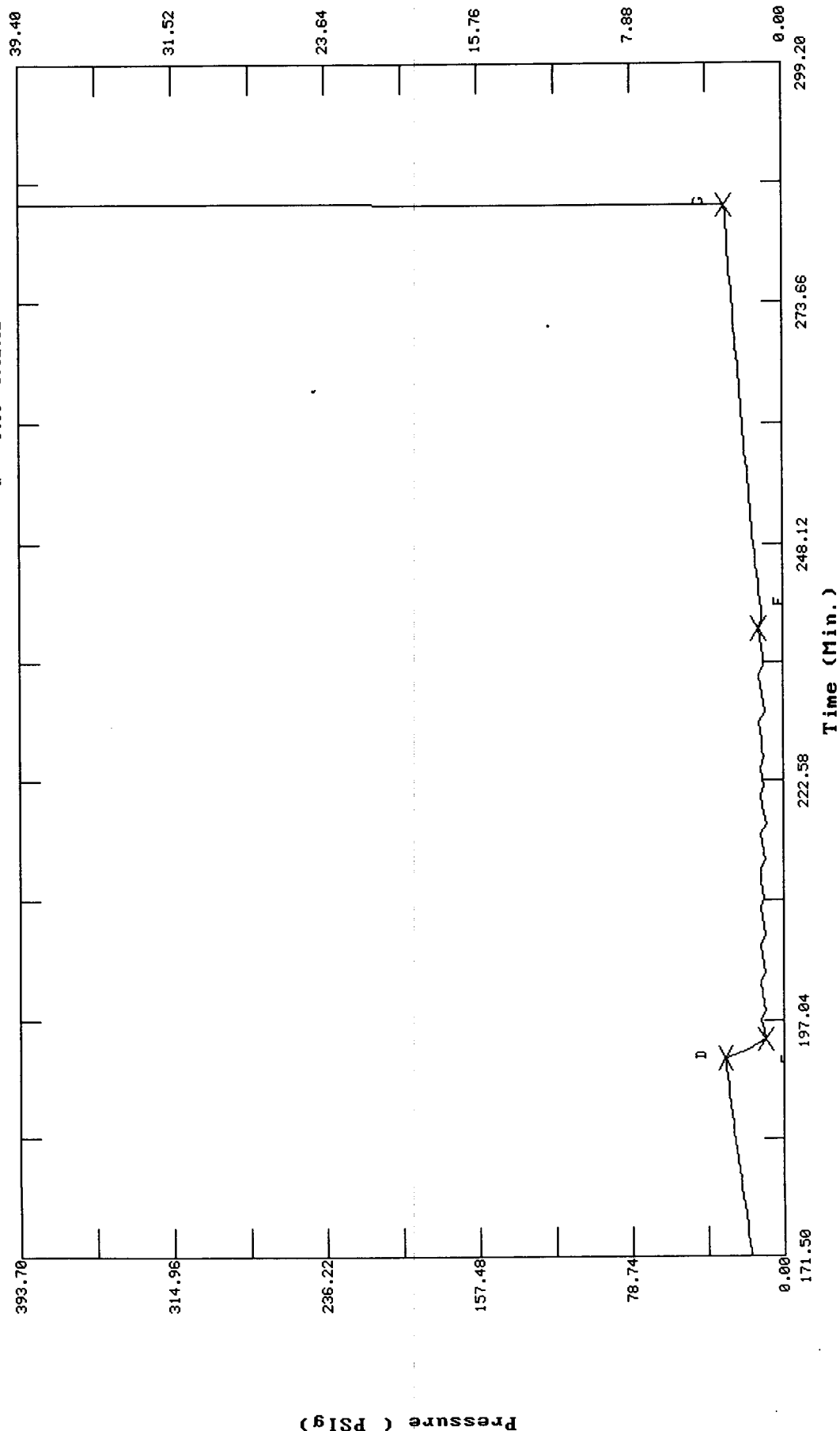
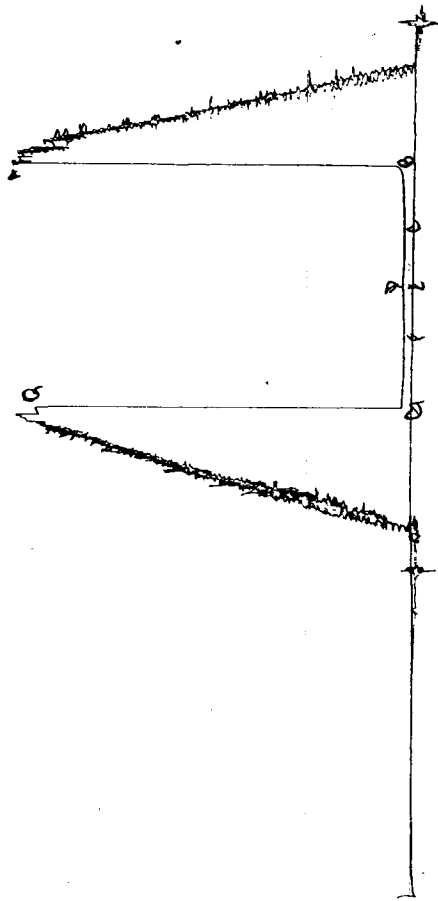


CHART PAGE

DST #5

13339



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