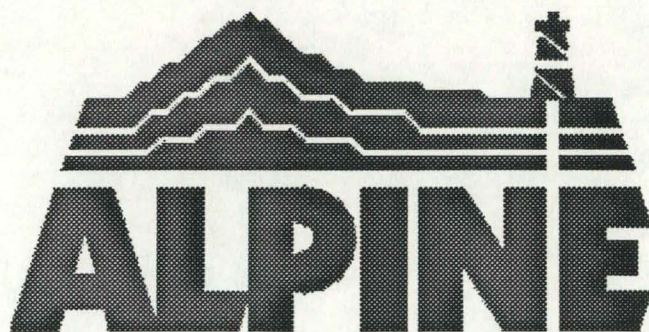


N.E.B. COPY

PARA ET TAL FORT LIARD



Drill Stem Test Report

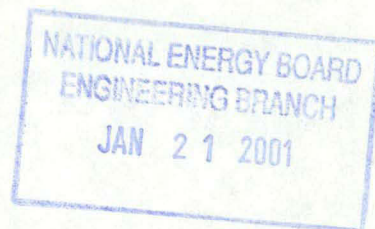
Prepared for: **PARAMOUNT RESOURCES**
4700, 888 - 3rd Street S.W.
CALGARY, AB

Well Name: PARA ET AL FORT LIARD
Location: N-01-60-10-123-15

Test Date: 01/11/2001

Job Ticket #: D2-8620 DST#: 7

N-01-60-10-123-15



DST #7



Drill Stem Testing Report

Company: PARAMOUNT RESOURCES LTD.
4700, 888 - 3rd Street S.W.
CALGARY, AB

Job Ticket #: D2-8620 DST#: 7
Test Date: 01/11/2001 1730hrs

Well Name: PARA ET AL FORT LIARD

Contact: WILBERT CALLIHOO

Location: N-01-60-10-123-15

General Information:

Test Type: INFLATE RESET
Interval: 1457.50m - 1464.50m
Formation: FANTASQUE
KB Elevation: 492.10m
Ground Elevation: 487.00m
Total Depth: 1940.00m
Test Mode: Gas

Tester: D. WHITE
Truck No.: Unit 677
Contractor: PRECISION
Rig No.: 387
Hole Diameter: 222mm
Hole Condition: GOOD
Bottom Hole Temperature: 34.90 C

Electronic Recorder Information:

OUTSIDE
Recorder #: 124

Range: 70000 kPa
Depth: 1460.92 m

FLUID
Recorder #: 126

Range: 70000 kPa
Depth: 1437.09 m

Flag Points:

Flag Points:	Time:	Pressure:
A Initial Hydrostatic	0.00	17188.9
B Start of 1st Flow	0.00	6375.1
C End of 1st Flow	8.00	6328.8
D End of 1st Shutin	15.00	13905.3
E Start of 2nd Flow	0.00	5644.7
F End of 2nd Flow	58.00	6281.3
G End of 2nd Shutin	27.00	13915.7
Q Final Hydrostatic	0.00	16971.3

Test Run Information:

Start Time: 1730hrs
Reached Test Depth: 1830hrs
Pull Out Time: 2100hrs
Tool Out Of Hole: 800hrs

Weight set on Packers: 6000.00daN
Weight to free Packers: 10000.00daN
Initial String Weight: 39000.00daN
Unseated String Weight: 42000.00daN

Tool Chased Dist: 0.00m Water Loss: 6.60cm³
Mud Type: GEL CHEMICAL Mud Drop: NO
Mud Weight: 1190.00kg/m³ VIS: 95.00S/L
Amount of fill: 0.00m Filter Cake: 2.00mm
Amt of cushion: 0.00 Pump Time: 30min
Type of cushion: N/A Reversed Out: YES

General Remarks:

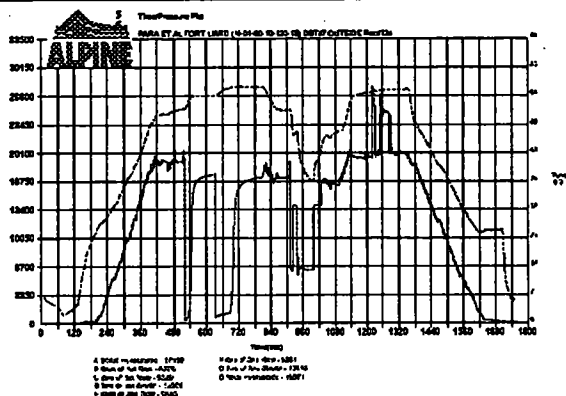
This is the second of two tests run on the same trip in the hole. Mechanically successful. *Test results suggest high permeability within the zone tested.

PREFLOW: Weak air blow increasing to strong in 15 seconds. Remaining strong throughout remainder of flow. Gas to surface in 1 1/2 minutes.

FINAL FLOW: Gas to surface immediately. Mud spray after 15 minutes cleaning up in 50 minutes.

*** See gas volume charts for gas rates.

NOTE - See Alpine Telemetry report for real time data acquisition.



Recovery Description:

Total fluid recovery for DST #6 and #7 was reversed out before being recorded.

Gas to surface.

Gas Bomb: 2 Sampler: 1
Fluid Sample: 0 Sent to: AGAT LAB



Drill Stem Testing - Tool Diagram / Description

Company: PARAMOUNT RESOURCES LTD.
4700, 888 - 3rd Street S.W.
CALGARY, AB

Job Ticket #: D2-8620 DST#: 7
Test Date: 01/11/2001 1730hrs

Well Name: PARA ET AL FORT LIARD

Contact: WILBERT CALLIHOO

Location: N-01-60-10-123-15

Inflate Straddle

Drill Collar Stands:	3
Drill Collar Singles:	0
Drill Pipe Stands:	53
Drill Pipe Singles:	0
Heavy Wt. Pipe Stands:	20
Heavy Wt. Pipe Singles:	0
Total Drill Collars/Pipe and Tools:	1460.78m
Total Drill Pipe Above K.B.:	2.78m
Total Depth:	1940m

Tool / Drill Stem Information:

Tool Weight:	2000.00 daN
Drill Collar Inside Diameter:	54.00 mm
Drill Collar Length:	54.49 m
Drill Pipe Inside Diameter:	97.00 mm
Drill Pipe Length:	1010.53 m
Heavy Weight Pipe Diameter:	69.00 mm
Heavy Weight Pipe Length:	372.42 m
Bottom Choke Diameter:	12.70 mm
Number of Packers: 2 Dia.:	196.90 mm

23.34m

34.95m

Tool Remarks:

Depth:
1468m

7.04m

Depth:
1468m

4.57m

Total Depth: 1940.00m

Item	Length
P.O. Sub	0.31
Double Pin	0.31
P.O. Sub	0.31
REC#126	1.60
HMV Stroke	2.18
Sampler	1.10
Telemetry Tool	6.80
Jars	2.10
Safety Joint	0.65
Pump	2.04
Screen	1.18
Valve	2.23
Deflate	0.85
Packer Stub	1.78 0.72
ASE Carrier REC#037	2.20
REC#124 Bypass Hanger	0.42
Blank Spacing Bypass Receiver	2.20 0.78
Stub	0.72
Packer Extension Sub	1.78 0.71
Drag Spring	2.08



Drill Stem Testing - Gas Recovery Measurements

Company: PARAMOUNT RESOURCES LTD.
4700, 888 - 3rd Street S.W.
CALGARY, AB

Job Ticket #: D2-8620
Test Date: 01/11/2001 1730hrs
DST#: 7

Well Name: PARA ET AL FORT LIARD

Contact: WILBERT CALLIHOO

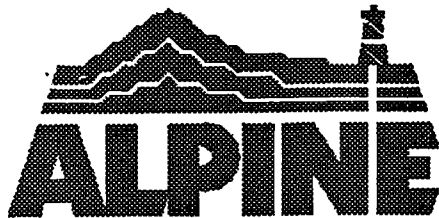
Location: N-01-60-10-123-15

Gas Measurements for Flow # 1

Gas Recovery Measured With: Willis Choke			
Time (min.)	Orifice (mm)	Pressure(kPa)	Rate (m ³ /d)
8	22.23	1724	163831.00

Gas Measurements for Flow # 2

Gas Recovery Measured With: Willis Choke			
Time (min.)	Orifice (mm)	Pressure(kPa)	Rate (m ³ /d)
5	22.23	1793	170022.00
10	22.23	1999	188593.00
15	22.23	2137	200974.00
20	22.23	2172	204069.00
25	22.23	2172	204069.00
30	22.23	2034	191688.00
35	22.23	1965	185498.00
40	22.23	1965	185498.00
45	22.23	1931	182402.00
50	22.23	1931	182402.00
55	22.23	1931	182402.00
58	22.23	1931	182402.00



Drill Stem Testing - Time / Pressure Listing

Company: PARAMOUNT RESOURCES LTD.
4700, 888 - 3rd Street S.W.
CALGARY, AB

Job Ticket #: D2-8620 DST#: 7

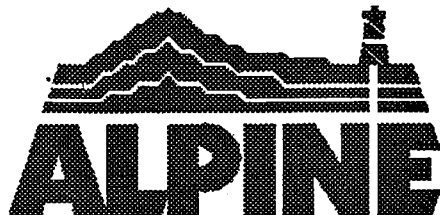
Test Date: 01/11/2001 1730hrs

Well Name: PARA ET AL FORT LIARD

Contact: WILBERT CALLIHOO

Location: N-01-60-10-123-15

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
A	Initial Hydrostatic	0.00	0.00	17188.90		52.3			12.00	1013.90	6658.60		39.7
B	Start of 1st Flow	0.00	0.00	6375.10		52.1			13.00	1024.40	6669.10		39.4
		1.00	-105.30	6269.80		51.7			14.00	1019.70	6664.40		39.2
		2.00	-138.90	6236.20		51.2			15.00	992.00	6636.70		39.0
		3.00	-181.70	6193.40		50.6			16.00	949.10	6593.80		38.8
		4.00	-127.30	6247.80		49.8			17.00	909.80	6554.50		38.6
		5.00	-111.10	6264.00		49.0			18.00	869.30	6514.00		38.5
		6.00	-100.70	6274.40		48.2			19.00	834.50	6479.20		38.3
		7.00	-68.30	6306.80		47.4			20.00	795.20	6439.90		38.2
C	End of 1st Flow	8.00	-46.30	6328.80		46.6			21.00	767.40	6412.10		38.0
		1.00	7406.30	13735.10	9.0000	46.1			22.00	735.00	6379.70		37.9
		2.00	7526.70	13855.50	5.0000	46.1			23.00	695.70	6340.40		37.7
		3.00	7548.70	13877.50	3.6667	46.1			24.00	674.80	6319.50		37.5
		4.00	7559.10	13887.90	3.0000	46.2			25.00	652.80	6297.50		37.4
		5.00	7563.70	13892.50	2.6000	46.3			26.00	628.50	6273.20		37.2
		6.00	7567.20	13896.00	2.3333	46.3			27.00	611.20	6255.90		37.1
		7.00	7569.50	13898.30	2.1429	46.4			28.00	595.00	6239.70		37.0
		8.00	7570.70	13899.50	2.0000	46.5			29.00	618.10	6262.80		36.8
		9.00	7571.80	13900.60	1.8889	46.5			30.00	615.80	6260.50		36.7
		10.00	7571.80	13900.60	1.8000	46.6			31.00	623.90	6268.60		36.6
		11.00	7573.00	13901.80	1.7273	46.7			32.00	616.90	6261.60		36.4
		12.00	7574.10	13902.90	1.6667	46.8			33.00	610.00	6254.70		36.3
		13.00	7560.30	13889.10	1.6154	46.8			34.00	605.40	6250.10		36.2
		14.00	7575.30	13904.10	1.5714	46.9			35.00	610.00	6254.70		36.1
D	End of 1st ShutIn	15.00	7576.50	13905.30	1.5333	47.0			36.00	605.40	6250.10		36.0
E	Start of 2nd Flow	0.00	0.00	5644.70		46.3			37.00	585.70	6230.40		35.9
		1.00	96.10	5740.80		45.7			38.00	583.40	6228.10		35.8
		2.00	214.20	5858.90		45.0			39.00	582.20	6226.90		35.7
		3.00	362.30	6007.00		44.3			40.00	578.80	6223.50		35.7
		4.00	507.00	6151.70		43.6			41.00	571.80	6216.50		35.6
		5.00	665.60	6310.30		42.9			42.00	578.80	6223.50		35.5
		6.00	780.10	6424.80		42.2			43.00	581.10	6225.80		35.4
		7.00	891.30	6536.00		41.6			44.00	570.70	6215.40		35.4
		8.00	942.20	6586.90		41.1			45.00	574.10	6218.80		35.3
		9.00	973.40	6618.10		40.7			46.00	578.80	6223.50		35.3
		10.00	975.70	6620.40		40.3			47.00	585.70	6230.40		35.2
		11.00	983.90	6628.60		39.9			48.00	599.60	6244.30		35.2



Drill Stem Testing - Time / Pressure Listing

Company: PARAMOUNT RESOURCES LTD.
4700, 888 - 3rd Street S.W.
CALGARY, AB

Job Ticket #: D2-8620 DST#: 7
Test Date: 01/11/2001 1730hrs

Well Name: PARA ET AL FORT LIARD

Contact: WILBERT CALLIHOO

Location: N-01-60-10-123-15

Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)	Chart Label	Comments	Time (Min.)	Delta P (KPag)	Pressure (KPag)	Abscissa (T+dt)/dt	Temp. (°C)
		49.00	592.60	6237.30		35.1	Q	Final Hydrostatic	0.00	0.00	16971.30		43.8
		50.00	595.00	6239.70		35.1							
		51.00	596.10	6240.80		35.0							
		52.00	612.30	6257.00		35.0							
		53.00	612.30	6257.00		35.0							
		54.00	613.50	6258.20		34.9							
		55.00	626.20	6270.90		34.9							
		56.00	635.50	6280.20		34.8							
		57.00	635.50	6280.20		34.8							
F	End of 2nd Flow	58.00	636.60	6281.30		34.8							
		1.00	7312.60	13593.90	67.0000	35.0							
		2.00	7560.30	13841.60	34.0000	35.9							
		3.00	7595.00	13876.30	23.0000	36.8							
		4.00	7608.90	13890.20	17.5000	37.4							
		5.00	7614.70	13896.00	14.2000	38.0							
		6.00	7619.30	13900.60	12.0000	38.3							
		7.00	7621.60	13902.90	10.4286	38.7							
		8.00	7624.00	13905.30	9.2500	38.9							
		9.00	7625.10	13906.40	8.3333	39.2							
		10.00	7626.30	13907.60	7.6000	39.4							
		11.00	7627.40	13908.70	7.0000	39.5							
		12.00	7628.60	13909.90	6.5000	39.7							
		13.00	7628.60	13909.90	6.0769	39.8							
		14.00	7629.70	13911.00	5.7143	40.0							
		15.00	7630.90	13912.20	5.4000	40.1							
		16.00	7630.90	13912.20	5.1250	40.2							
		17.00	7632.10	13913.40	4.8824	40.3							
		18.00	7632.10	13913.40	4.6667	40.5							
		19.00	7633.20	13914.50	4.4737	40.6							
		20.00	7633.20	13914.50	4.3000	40.7							
		21.00	7633.20	13914.50	4.1429	40.8							
		22.00	7633.20	13914.50	4.0000	40.9							
		23.00	7634.40	13915.70	3.8696	41.0							
		24.00	7634.40	13915.70	3.7500	41.1							
		25.00	7634.40	13915.70	3.6400	41.2							
		26.00	7634.40	13915.70	3.5385	41.3							
G	End of 2nd Shutin	27.00	7634.40	13915.70	3.4444	41.4							

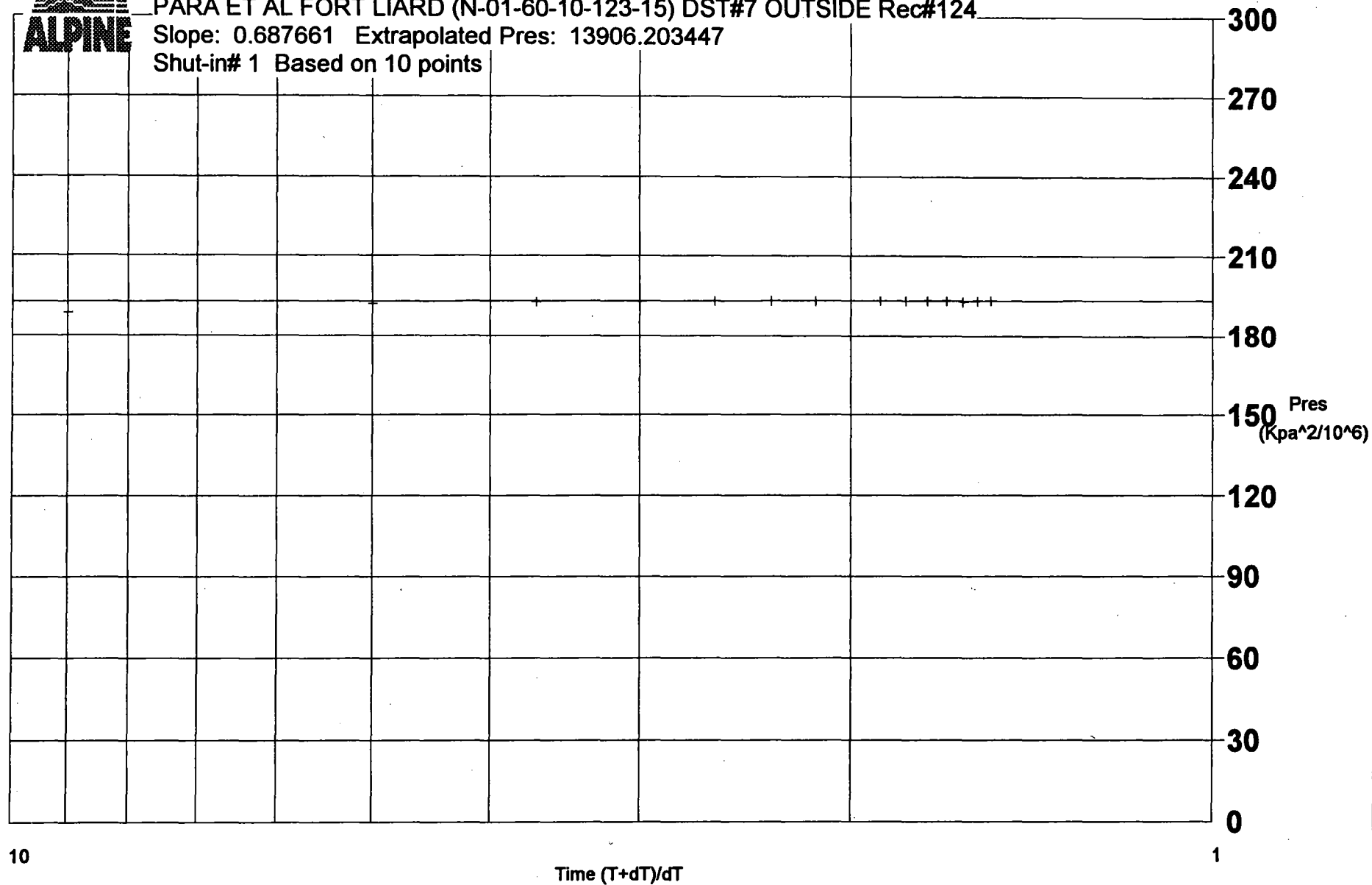


Homer Plot

PARA ET AL FORT LIARD (N-01-60-10-123-15) DST#7 OUTSIDE Rec#124

Slope: 0.687661 Extrapolated Pres: 13906.203447

Shut-in# 1 Based on 10 points

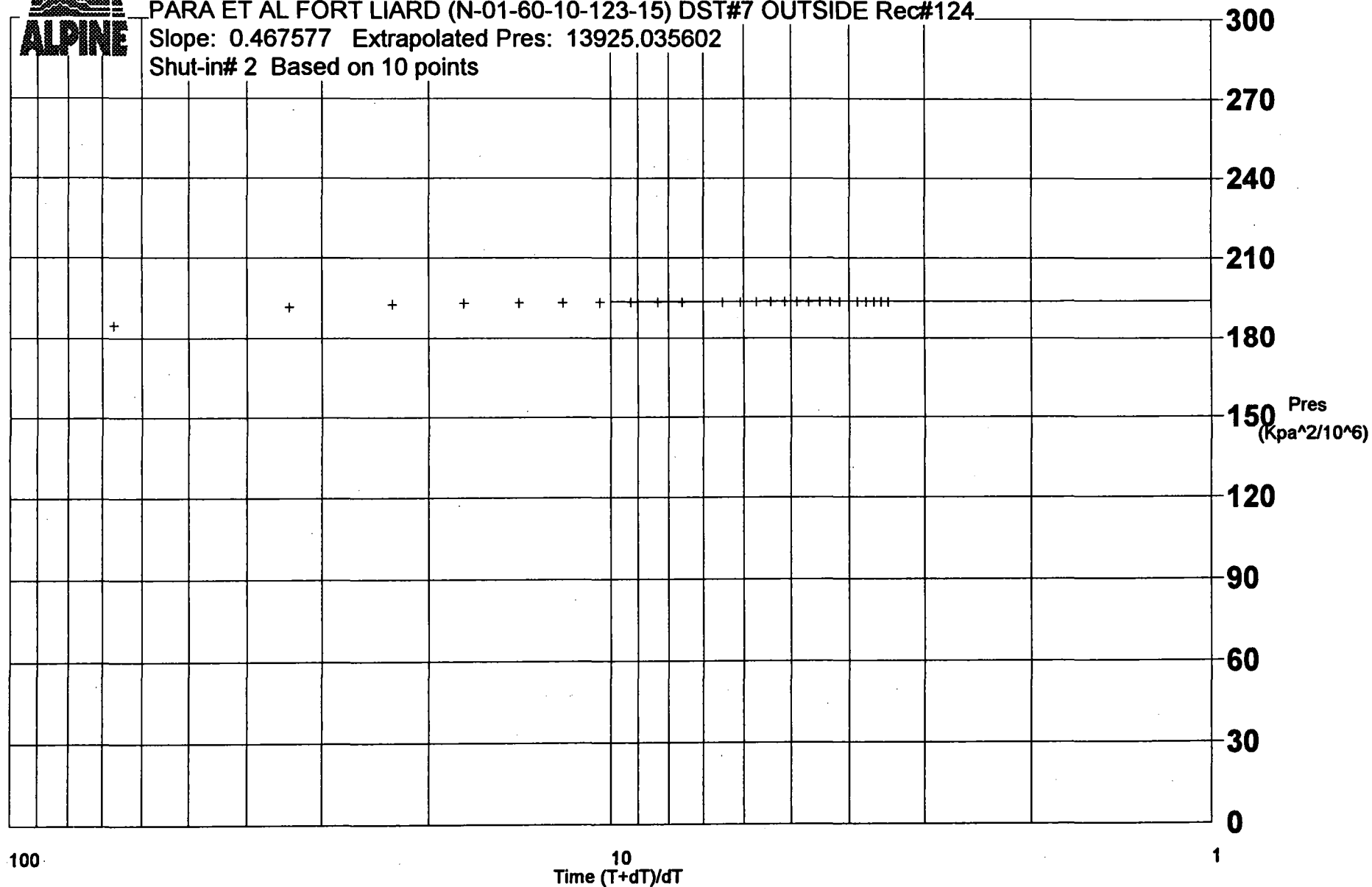




Horner Plot
PARA ET AL FORT LIARD (N-01-60-10-123-15) DST#7 OUTSIDE Rec#124

Slope: 0.467577 Extrapolated Pres: 13925.035602

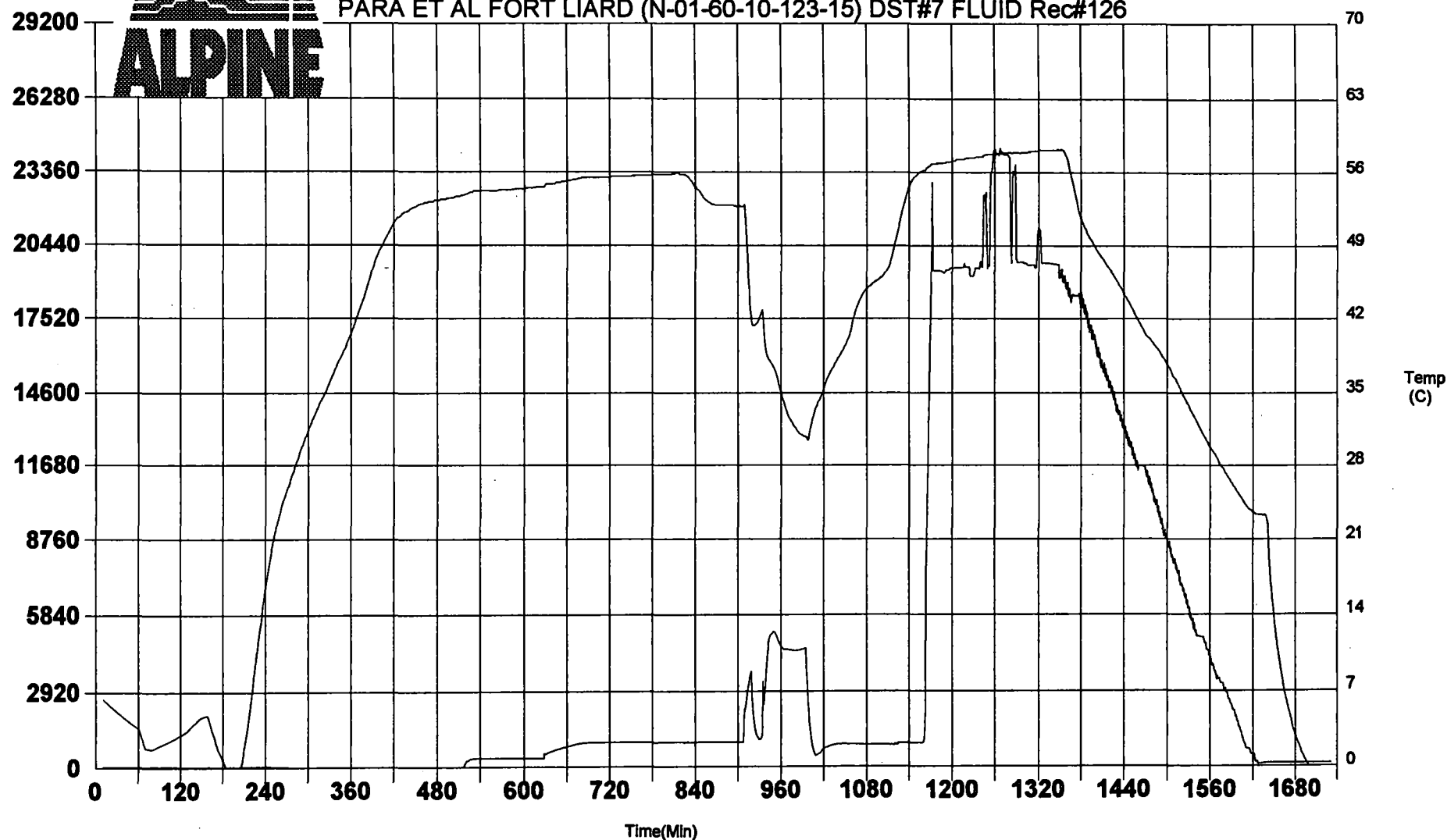
Shut-in# 2 Based on 10 points





Time/Pressure Plot

PARA ET AL FORT LIARD (N-01-60-10-123-15) DST#7 FLUID Rec#126



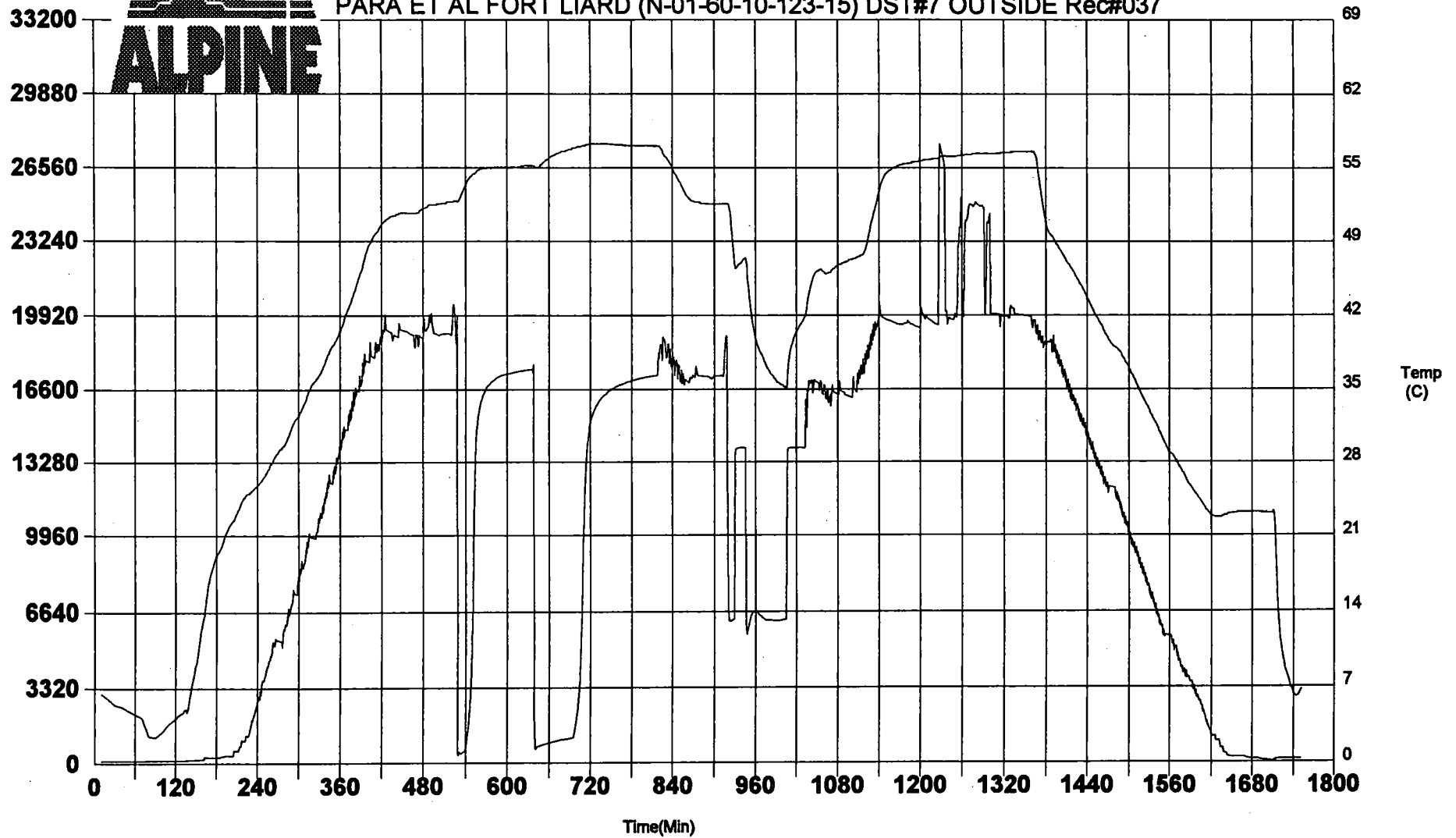
A Initial Hydrostatic - 950
B Start of 1st Flow - 962
C End of 1st Flow - 3684
D End of 1st Shutin - 1135
E Start of 2nd Flow - 2410

F End of 2nd Flow - 4560
G End of 2nd Shutin - 857
Q Final Hydrostatic - 868



Time/Pressure Plot

PARA ET AL FORT LIARD (N-01-60-10-123-15) DST#7 OUTSIDE Rec#037



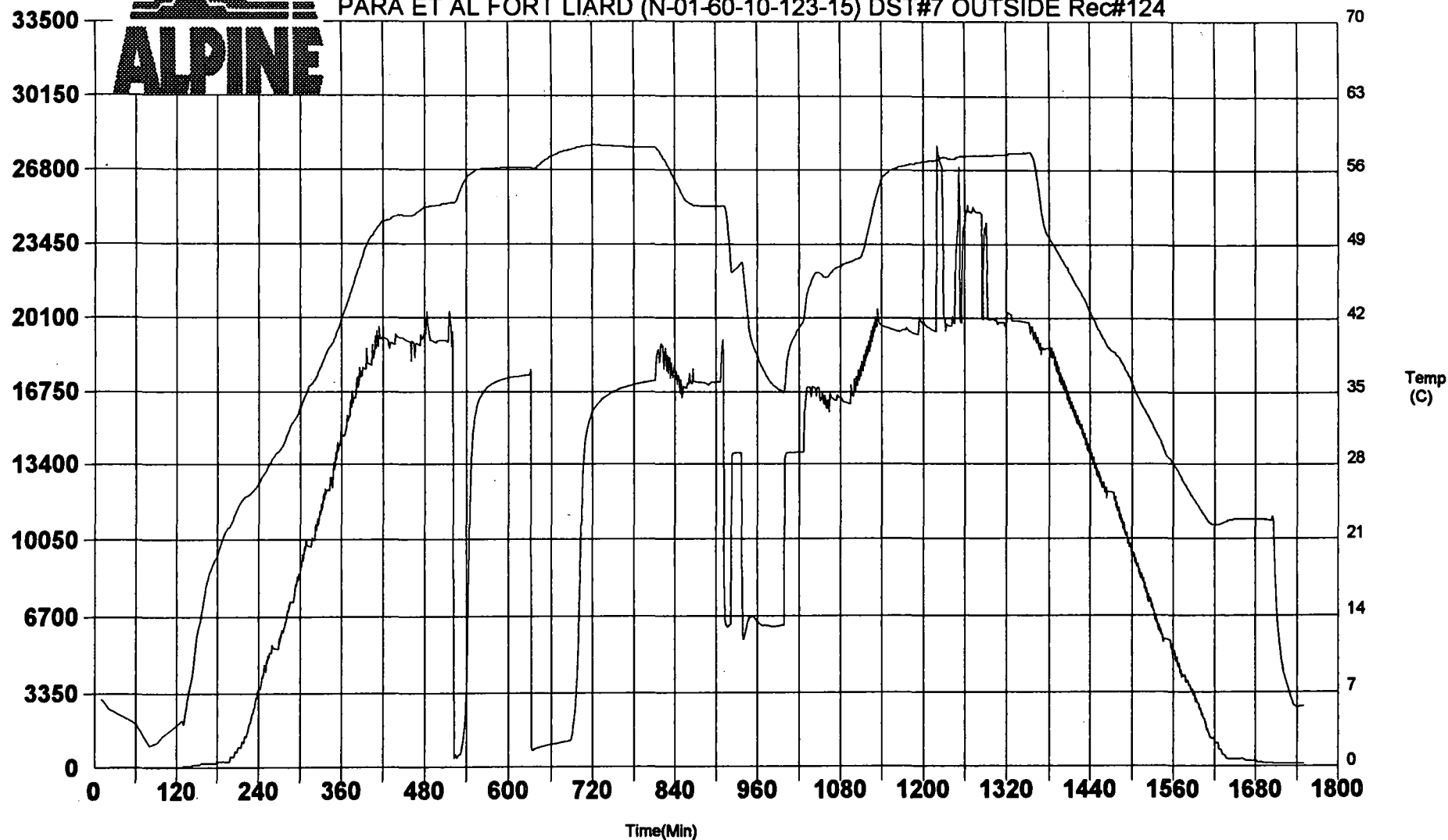
A Initial Hydrostatic - 17188
B Start of 1st Flow - 6233
C End of 1st Flow - 6335
D End of 1st Shutin - 13902
E Start of 2nd Flow - 5631

F End of 2nd Flow - 6277
G End of 2nd Shutin - 13916
Q Final Hydrostatic - 16967



Time/Pressure Plot

PARA ET AL FORT LIARD (N-01-60-10-123-15) DST#7 OUTSIDE Rec#124



A Initial Hydrostatic - 17189
B Start of 1st Flow - 6375
C End of 1st Flow - 6329
D End of 1st Shutin - 13905
E Start of 2nd Flow - 5645

F End of 2nd Flow - 6281
G End of 2nd Shutin - 13916
Q Final Hydrostatic - 16971



Real Time Test Report

Prepared for: **PARAMOUNT RESOURCES**
4700, 888 - 3rd Street S.W.
CALGARY, AB

Well Name: PARA ET AL FORT LIARD
Location: N-01-60-10-123-15

Test Date: 01/11/2001

Job Ticket #: T5263-7 DST#: 7



Real Time Testing Report

Company: PARAMOUNT RESOURCES LTD.
4700, 888 - 3rd Street S.W.
CALGARY, AB

Job Ticket #: T5263-7 DST#: 7
Test Date: 01/11/2001 1730hrs

Well Name: PARA ET AL FORT LIARD

Contact: WILBERT CALLIHOO

Location: N-01-60-10-123-15

General Information:

Test Type: INFLATE RESET
Interval: 1458m -1465m
Formation: FANTASQUE
KB Elevation: 492.10m
Ground Elevation: 487.00m
Total Depth: 1940.00m
Test Mode: Gas

Tester: G. BABYAK
Truck No.: Unit 114
Contractor: PRECISION
Rig No.: 387
Hole Diameter: 222mm
Hole Condition: GOOD
Bottom Hole Temperature: 34.90 C

Telemetry Recorder Information:

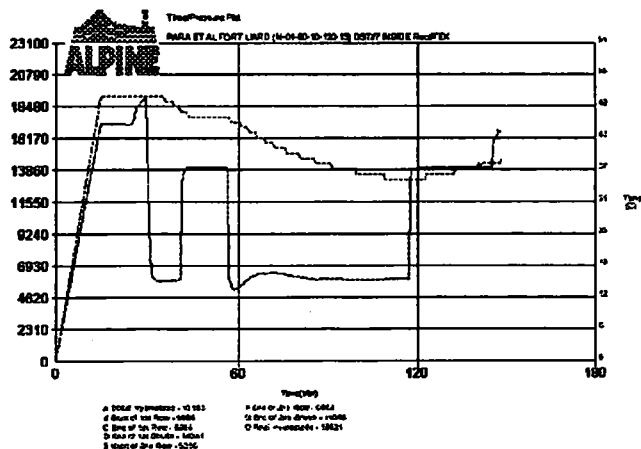
INSIDE

Recorder #: FEK Depth: 1447.17 m

Flag Points:	Time:	Pressure:
A Initial Hydrostatic	0.00	17183.2
B Start of 1st Flow	0.00	6063.8
C End of 1st Flow	9.00	5983.7
D End of 1st Shutin	15.12	14041.2
E Start of 2nd Flow	0.00	5216.3
F End of 2nd Flow	58.50	6001.8
G End of 2nd Shutin	27.78	14045.6
Q Final Hydrostatic	0.00	16621.3

Test Run Information:

Start Time: 1730hrs
Reached Test Depth: 1830hrs
Pull Out Time: 2100hrs
Tool Out Of Hole: 800hrs
Water Loss: 6.50cm³
Mud Drop: NO
VIS: 95.00S/L
Filter Cake: 2.00mm
Pump Time: 30min
Reversed Out: YES
Mud Type: GEL CHEMICAL
Mud Weight: 1190.00kg/m³
Amount of fill: 0.00m
Amount of cushion: 0.00
Type of cushion: N/A



General Remarks:

This is the second of two tests run on the same trip in the hole. Mechanically successful. *Test results suggest high permeability within the zone tested.

PREFLOW: Weak air blow increasing to strong in 15 seconds. Remaining strong throughout remainder of flow. Gas to surface in 1 1/2 minutes.

FINAL FLOW: Gas to surface immediately. Mud spray after 15 minutes cleaning up in 50 minutes.

*** See gas volume charts for gas rates.

Recovery Description:

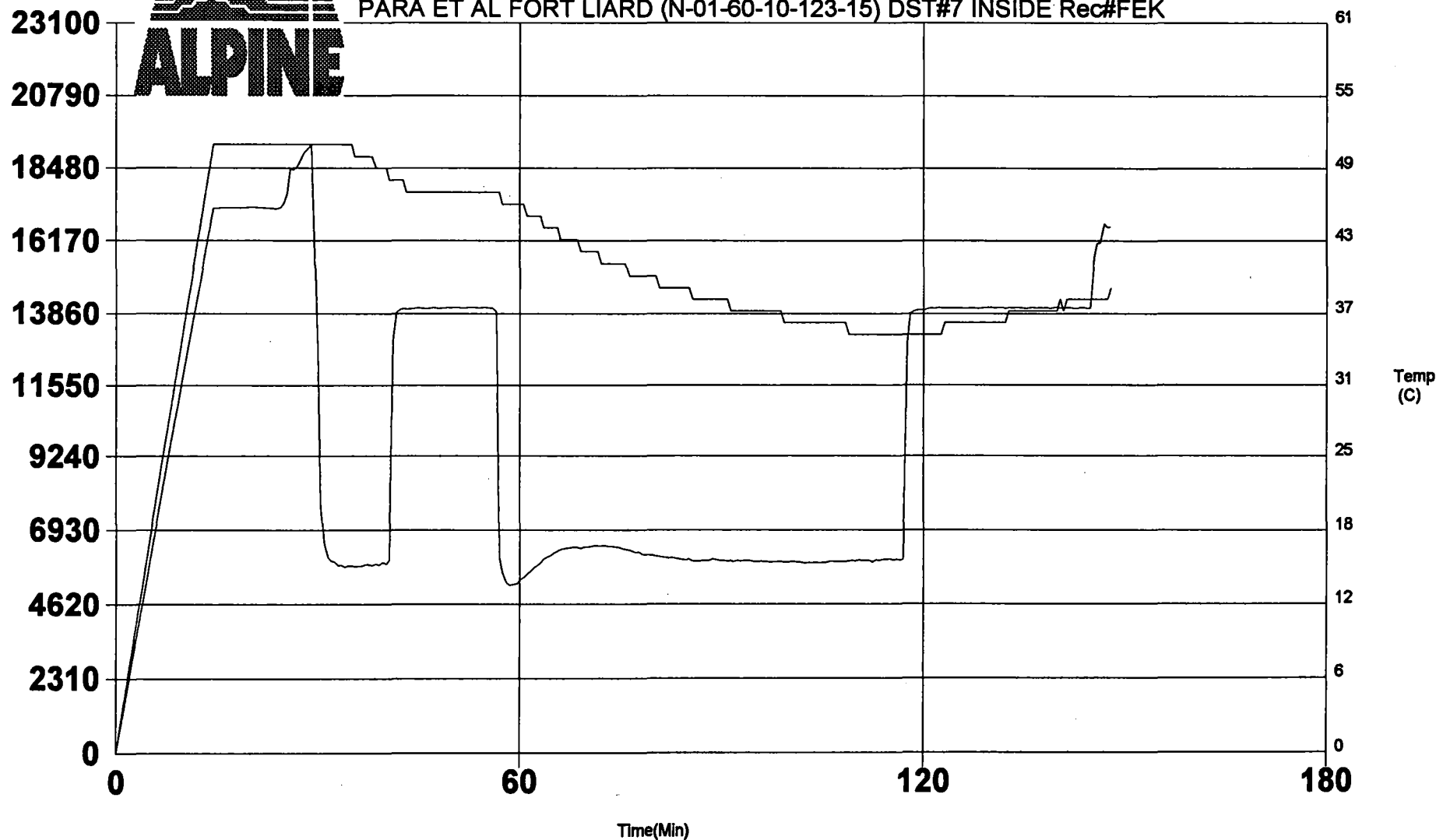
Total fluid recovery for DST #6 and #7 was reversed out before being recorded.

Gas to surface.



Time/Pressure Plot

PARA ET AL FORT LIARD (N-01-60-10-123-15) DST#7 INSIDE Rec#FEK



A Initial Hydrostatic - 17183
B Start of 1st Flow - 6064
C End of 1st Flow - 5984
D End of 1st Shutin - 14041
E Start of 2nd Flow - 5216

F End of 2nd Flow - 6002
G End of 2nd Shutin - 14046
Q Final Hydrostatic - 16621