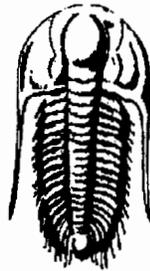


15-187-21078

23-29c-40w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Presco Western LLC**

5480 Valmont Ste 350
Boulder CO 80301

ATTN: Kevin Kessler

23 29 40W Stanton KS

Mitchell Trust #5

Start Date: 2006.06.11 @ 21:10:58

End Date: 2006.06.12 @ 17:02:52

Job Ticket #: 24440 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Presco Western LLC

Mitchell Trust #5

23 29 40W Stanton KS

DST # 1

Lower Morrow

2006.06.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Presco Western LLC
5480 Valmont Ste 350
Boulder CO 80301
ATTN: Kevin Kessler

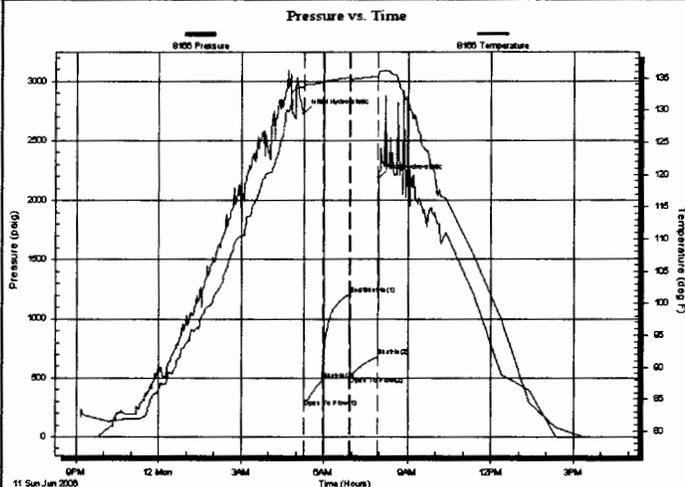
Mitchell Trust #5
23 29 40W Stanton KS
Job Ticket: 24440 DST#: 1
Test Start: 2006.06.11 @ 21:10:58

GENERAL INFORMATION:

Formation: **Lower Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:17:23
Time Test Ended: 17:02:52
Interval: **5346.00 ft (KB) To 5456.00 ft (KB) (TVD)**
Total Depth: 5720.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good
Test Type: Conventional Straddle
Tester: Alex Brechbuhler
Unit No: 20
Reference Elevations: 3269.00 ft (KB)
3257.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8166 Inside
Press@RunDepth: 479.39 psig @ 5442.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.06.11 End Date: 2006.06.12 Last Calib.: 1899.12.30
Start Time: 21:10:58 End Time: 17:02:52 Time On Btrn: 2006.06.12 @ 05:16:37
Time Off Btrn: 2006.06.12 @ 07:56:53

TEST COMMENT: F BOB 11 min Fair Steady Blow
ISI NO Blow back
FF BOB 3 min Fair Steady Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2726.82	133.69	Initial Hydro-static
1	252.34	133.90	Open To Flow (1)
41	479.39	134.33	Shut-In(1)
99	1206.03	135.06	End Shut-In(1)
101	514.34	134.85	Open To Flow (2)
160	680.06	135.28	Shut-In(2)
161	2186.44	135.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	SW 95%W 5%M	1.52
465.00	SW 95%W 5%M	8.62
465.00	SW 90%W 10%	9.15
465.00	MW 40%W 60%M	9.15

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Presco Western LLC

Mitchell Trust #5

5480 Valmont Ste 350
Boulder CO 80301

23 29 40W Stanton KS

Job Ticket: 24440

DST#: 1

ATTN: Kevin Kessler

Test Start: 2006.06.11 @ 21:10:58

Tool Information

Drill Pipe:	Length: 4985.00 ft	Diameter: 4.50 inches	Volume: 98.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 346.00 ft	Diameter: 2.25 inches	Volume: 1.70 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 99.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	5346.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	5452.00 ft			
Interval between Packers:	106.00 ft			
Tool Length:	404.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5317.00	
Shut In Tool	5.00			5322.00	
Sampler	3.00			5325.00	
Hydraulic tool	5.00			5330.00	
Jars	5.00			5335.00	
Safety Joint	2.00			5337.00	
Packer	5.00			5342.00	30.00 Bottom Of Top Packer
Packer	4.00			5346.00	
Stubb	1.00			5347.00	
Perforations	1.00			5348.00	
Change Over Sub	1.00			5349.00	
Drill Pipe	93.00			5442.00	
Recorder	0.00	8166	Inside	5442.00	
Perforations	9.00			5451.00	
Recorder	0.00	13362	Inside	5451.00	
Blank Off Sub	1.00			5452.00	106.00 Tool Interval
Packer	4.00			5456.00	
Stubb	1.00			5457.00	
Perforations	10.00			5467.00	
Change Over Sub	1.00			5468.00	
Drill Pipe	248.00			5716.00	
Change Over Sub	1.00			5717.00	
Recorder	0.00	10993	Outside	5717.00	
Bullnose	3.00			5720.00	268.00 Bottom Packers & Anchor
Total Tool Length:	404.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Presco Western LLC

Mitchell Trust #5

5480 Valmont Ste 350
Boulder CO 80301

23 29 40W Stanton KS

Job Ticket: 24440

DST#: 1

ATTN: Kevin Kessler

Test Start: 2006.06.11 @ 21:10:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

95000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
310.00	SW 95%W 5%M	1.525
465.00	SW 95%W 5%M	8.616
465.00	SW 90%W 10%	9.147
465.00	MW 40%W 60%M	9.147

Total Length: 1705.00 ft Total Volume: 28.435 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .057@100F

DST Test Number: 1

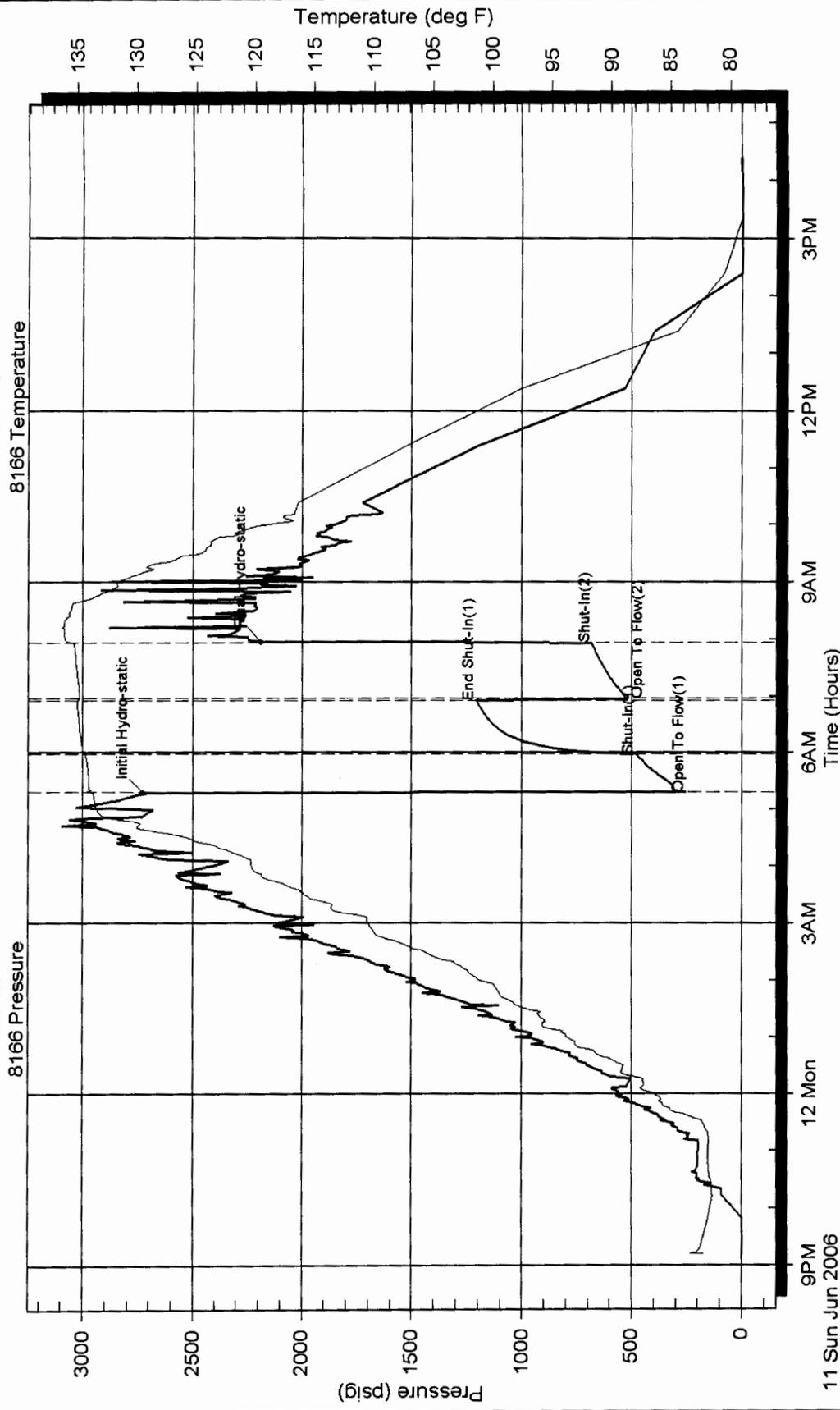
23 29 40W Stanton KS

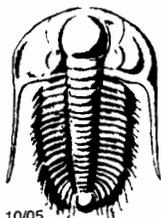
Presco Western LLC

Inside

Serial #: 8166

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8938

No 24440

Test Ticket

Well Name & No. Mitchell #5 Test No. 1 Date 06-11-06
 Company Presco Western Zone Tested Lower Morrow
 Address 5480 Dalmont, Ste 350 Boulder, CO 80301 Elevation 3269 KB 3257 GL
 Co. Rep / Geo. Kerita Kessler Rig Cheyenne #16
 Location: Sec. 23 Twp. 29S Rge. 40W Co. Stanton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 5346 to 5456 Initial Str Wt./Lbs. 55K Unseated Str Wt/Lbs. 72K
 Anchor Length 110 Wt. Set Lbs. 20K Wt. Pulled Loose/Lbs. 78K
 Top Packer Depth 5341 Tool Weight 2K
 Bottom Packer Depth 5346 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 5720 Wt. Pipe Run Ø Drill Collar Run 346
 Mud Wt. 9.2 LCM 6# Vis. 65 WL 9.6 Drill Pipe Size 5" X H Ft. Run _____
 Blow Description IF - BOB 11 minutes, Fair Steady Blow
ISI - No Blowback
FF - BOB 3 minutes, Fair Steady Blow

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>465</u>	Feet of <u>MW /</u>	%gas _____ %oil _____	<u>40</u> %water <u>60</u> %mud _____
Rec. <u>465</u>	Feet of <u>Salt Water</u>	%gas _____ %oil _____	<u>90</u> %water <u>10</u> %mud _____
Rec. <u>465</u>	Feet of <u>Salt Water</u>	%gas _____ %oil _____	<u>95</u> %water <u>5</u> %mud _____
Rec. <u>310</u>	Feet of <u>Salt Water</u>	%gas _____ %oil _____	<u>95</u> %water <u>5</u> %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>135.06</u> °F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____	
RW <u>1.057</u> @ <u>100</u> °F	Chlorides <u>1500</u> ppm Recovery _____	Chlorides <u>1400</u> ppm System _____	

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2816</u> PSI		<u>8166</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>252</u> PSI		<u>5441</u>	Jars <u>250</u>
(C) First Final Flow Pressure	<u>479</u> PSI		<u>13362</u>	Safety Jt. <u>75</u>
(D) Initial Shut-In Pressure	<u>1206</u> PSI		<u>13367 5450</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>514</u> PSI		<u>10993</u>	Sampler <u>250</u>
(F) Second Final Flow Pressure	<u>680</u> PSI		<u>5720</u>	Straddle <u>350</u>
(G) Final Shut-In Pressure	PSI	Initial Opening	<u>10</u>	Ext. Packer <u>200</u>
(Q) Final Hydrostatic Mud	<u>2435</u> PSI	Initial Shut-In	<u>45</u>	Shale Packer <u>200</u>
		Final Flow	<u>60</u>	Ruined Packer <u>250</u>
		Final Shut-In	<u>60</u>	Mileage <u>100</u> <u>150</u>
		T-On Location	<u>5:00 pm</u>	Sub Total: <u>2725 1125</u>
		T-Started	<u>9:10 pm</u>	Std. By <u>14hr 4000 950</u>
		T-Open	<u>5:05 am</u>	Acc. Chg: <u>150 150</u>
		T-Pulled	<u>8:00 am</u>	Other: _____
		T-Out	<u>5:30</u>	Total: <u>3825</u>

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Kerita Kessler
 Our Representative AKR

3825
1000
1825



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 24440 Date 06-12-06
 Company Name Presco Western
 Lease Mitchell #5 Test No. 1
 County Stanton Sec. 23 Twp. 29s Rng. 40w

SAMPLER RECOVERY

Gas _____ ML
 Oil _____ ML
 Mud 4000 Watery Mud ML
 Water _____ ML
 Other _____ ML
 Pressure _____ ML
 Total _____ ML

PIT MUD ANALYSIS

Chlorides 1400 ppm.
 Resistivity _____ ohms @ _____ F
 Viscosity ~~416~~ 65
 Mud Weight 9.2
 Filtrate 9.6
 Other _____

SAMPLER ANALYSIS

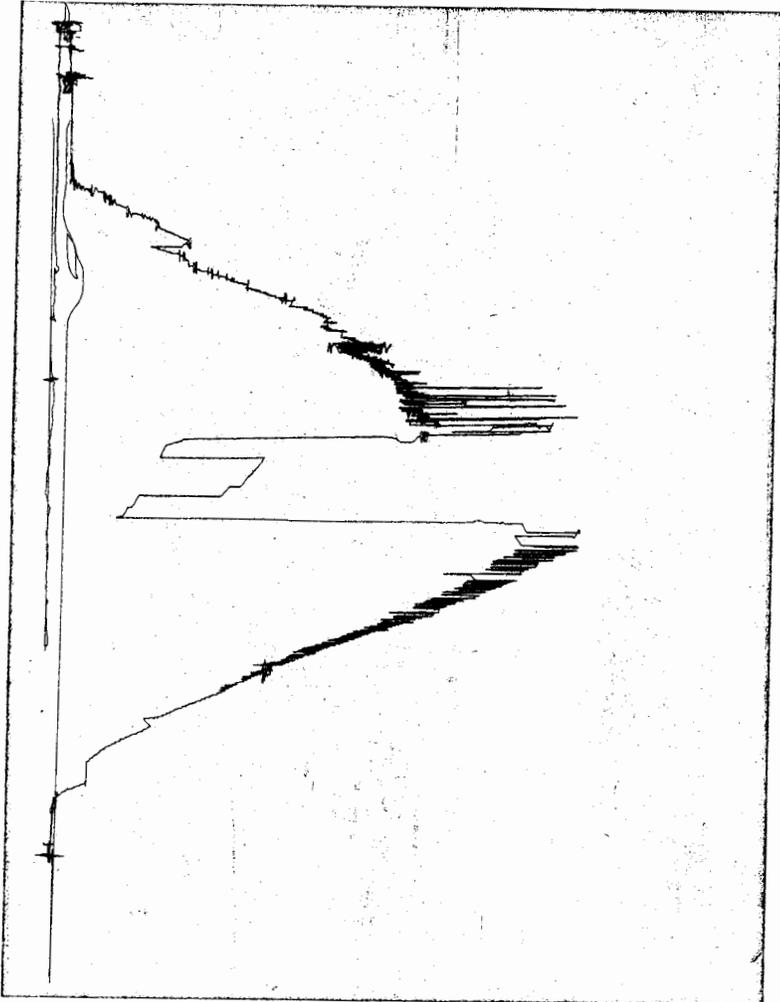
Resistivity .057 ohms @ 100 F
 Chlorides 95000 ppm.
 Gravity _____ corrected @60F

PIPE RECOVERY

TOP
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
MIDDLE
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
BOTTOM
 Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.

CHART PAGE

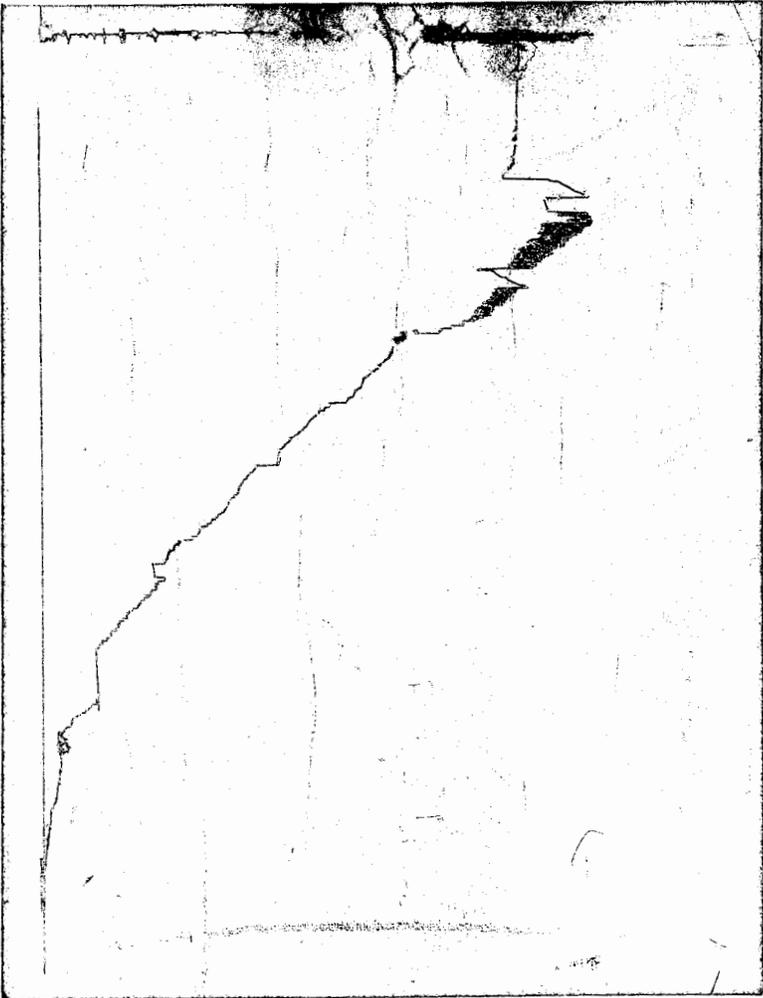
This is a photocopy of the actual AK-1 recorder chart.



Presco Western
Mitchell #5

CHART PAGE

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



Presco Western
Mitchell #5