

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Paxco Inc**

8920 Peppertree Circle
Wichita KS 67226

ATTN: Justin Austin

¹⁶⁵
12 15S 18W Rush KS

Herrman #4

Start Date: 2006.06.25 @ 21:50:55

End Date: 2006.06.26 @ 05:41:40

Job Ticket #: 25298 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Paxco Inc

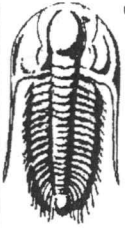
Herrman #4

12 15S 18W Rush KS

DST # 1

Lansing "I-J"

2006.06.25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Paxco Inc
 8920 Peppertree Circle
 Wichita KS 67226
 ATTN: Justin Austin

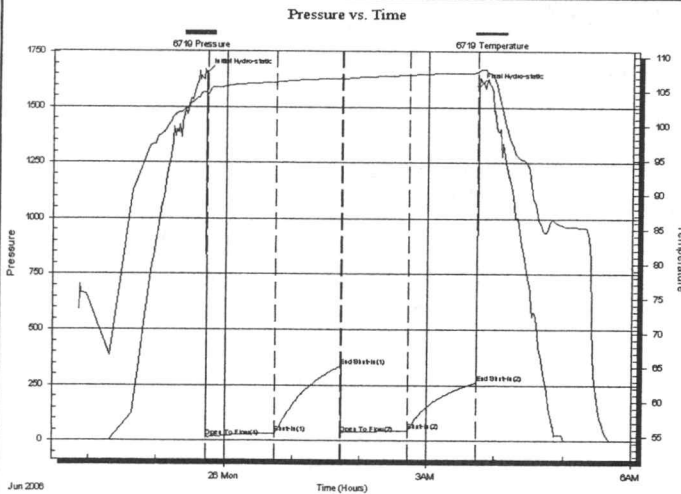
Herrman #4
12 15S 18W Rush KS
 Job Ticket: 25298 **DST#: 1**
 Test Start: 2006.06.25 @ 21:50:55

GENERAL INFORMATION:

Formation: **Lansing 'I-J'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:43:25
 Time Test Ended: 05:41:40
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Interval: **3400.00 ft (KB) To 3442.00 ft (KB) (TVD)**
 Total Depth: 3442.00 ft (KB) (TVD)
 Reference Elevations: 1979.00 ft (KB)
 Hole Diameter: 7.80 inches Hole Condition: Good
 1970.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6719 Inside
 Press@RunDepth: 45.32 psig @ 3403.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.06.25 End Date: 2006.06.26 Last Calib.: 2006.06.26
 Start Time: 21:50:57 End Time: 05:41:40 Time On Btm: 2006.06.25 @ 23:43:10
 Time Off Btm: 2006.06.26 @ 03:44:25

TEST COMMENT: IFP Good Blow BOB in 9 Min
 ISI Dead
 FFP Good Blow BOB in 10 Min
 FSI Dead



PRESSURE SUMMARY

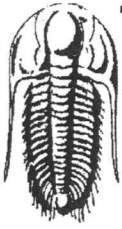
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.78	104.88	Initial Hydro-static
1	16.40	104.53	Open To Flow (1)
62	33.03	106.31	Shut-In(1)
120	336.25	106.88	End Shut-In(1)
121	32.49	106.80	Open To Flow (2)
181	45.32	107.38	Shut-In(2)
241	262.73	107.72	End Shut-In(2)
242	1594.36	108.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	SOCM 5%O 95%M	0.35
60.00	GOCWM 25%G 20%O 20%W 35%M	0.84
0.00	780' GIP	0.00

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Paxco Inc
8920 Peppertree Circle
Wichita KS 67226

ATTN: Justin Austin

Herrman #4
12 15S 18W Rush KS
Job Ticket: 25298 **DST#: 1**
Test Start: 2006.06.25 @ 21:50:55

Tool Information

Drill Pipe:	Length: 3405.00 ft	Diameter: 3.80 inches	Volume: 47.76 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	36000.00 lb
			Total Volume: 47.76 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	33000.00 lb
Depth to Top Packer:	3400.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	63.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3380.00	
Shut In Tool	5.00			3385.00	
Hydraulic tool	5.00			3390.00	
Packer	5.00			3395.00	21.00 Bottom Of Top Packer
Packer	5.00			3400.00	
Stubb	1.00			3401.00	
Perforations	1.00			3402.00	
Change Over Sub	1.00			3403.00	
Recorder	0.00	6719	Inside	3403.00	
Blank Spacing	30.00			3433.00	
Change Over Sub	1.00			3434.00	
Perforations	5.00			3439.00	
Recorder	0.00	13221	Outside	3439.00	
Bullnose	3.00			3442.00	42.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Paxco Inc
8920 Peppertree Circle
Wichita KS 67226
ATTN: Justin Austin

Herrman #4
12 15S 18W Rush KS
Job Ticket: 25298 **DST#: 1**
Test Start: 2006.06.25 @ 21:50:55

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:	27000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	SOCM 5%O 95%M	0.351
60.00	GOCWM 25%G 20%O 20%W 35%M	0.842
0.00	780' GIP	0.000

Total Length: 85.00 ft Total Volume: 1.193 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6719

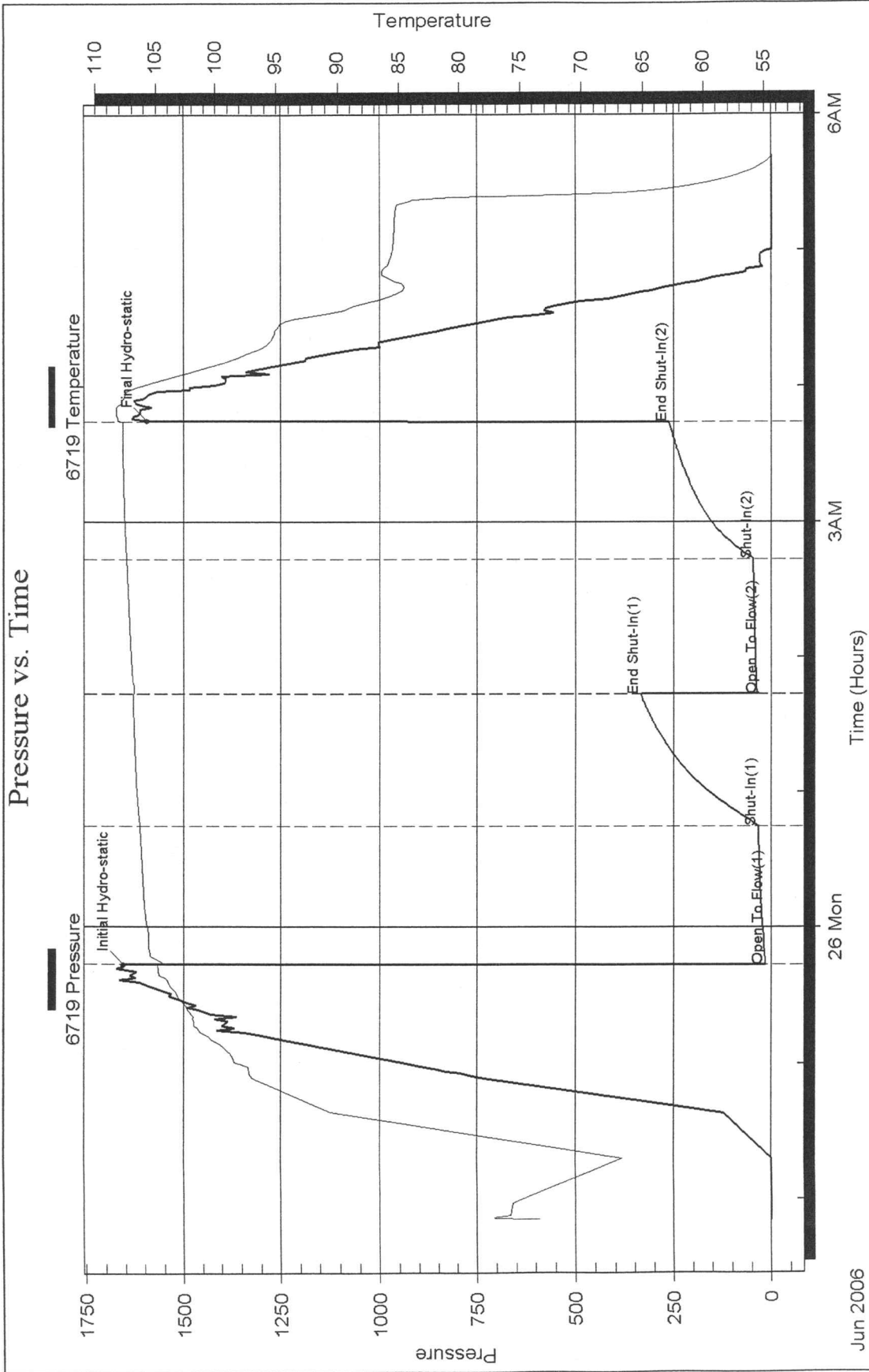
Inside

Paxco Inc

12 15S 18W Rush KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Paxco Inc**

8920 Peppertree Circle
Wichita KS 67226

ATTN: Justin Austin

12 15S 18W Rush KS

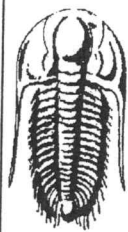
Herrman #4

Start Date: 2006.06.26 @ 15:25:55

End Date: 2006.06.26 @ 21:08:40

Job Ticket #: 25299 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Paxco Inc
 8920 Peppertree Circle
 Wichita KS 67226
 ATTN: Justin Austin

Herrman #4
12 15S 18W Rush KS
 Job Ticket: 25299 **DST#: 2**
 Test Start: 2006.06.26 @ 15:25:55

GENERAL INFORMATION:

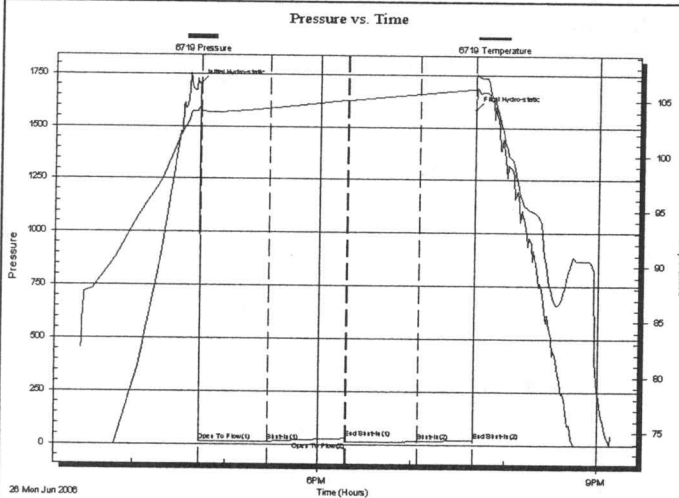
Formation: **Pennsylvanian Conglo**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:42:40
 Time Test Ended: 21:08:40
 Interval: **3475.00 ft (KB) To 3520.00 ft (KB) (TVD)**
 Total Depth: 3520.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 1979.00 ft (KB)
 1970.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6719

Inside

Press@RunDepth: 18.88 psig @ 3478.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.06.26 End Date: 2006.06.26 Last Calib.: 2006.06.26
 Start Time: 15:25:57 End Time: 21:08:40 Time On Btmr: 2006.06.26 @ 16:42:10
 Time Off Btmr: 2006.06.26 @ 19:40:10

TEST COMMENT: IFP Weak Blow Built to 1/4"
 ISI Dead
 FFP Dead
 FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.35	104.31	Initial Hydro-static
1	14.08	104.02	Open To Flow (1)
46	16.56	104.27	Shut-In(1)
96	31.36	105.05	End Shut-In(1)
96	16.55	105.04	Open To Flow (2)
142	18.88	105.64	Shut-In(2)
178	23.97	106.10	End Shut-In(2)
178	1582.63	107.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud W/Oil Specks	0.14

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Paxco Inc
8920 Peppertree Circle
Wichita KS 67226

Herrman #4

12 15S 18W Rush KS

Job Ticket: 25299

DST#: 2

ATTN: Justin Austin

Test Start: 2006.06.26 @ 15:25:55

Tool Information

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			Total Volume: 48.63 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3475.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3455.00	
Shut In Tool	5.00			3460.00	
Hydraulic tool	5.00			3465.00	
Packer	5.00			3470.00	21.00 Bottom Of Top Packer
Packer	5.00			3475.00	
Stubb	1.00			3476.00	
Perforations	1.00			3477.00	
Change Over Sub	1.00			3478.00	
Recorder	0.00	6719	Inside	3478.00	
Blank Spacing	31.00			3509.00	
Change Over Sub	1.00			3510.00	
Perforations	7.00			3517.00	
Recorder	0.00	13221	Outside	3517.00	
Bullnose	3.00			3520.00	45.00 Bottom Packers & Anchor
Total Tool Length:		66.00			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Paxco Inc
8920 Peppertree Circle
Wichita KS 67226
ATTN: Justin Austin

Herrman #4
12 15S 18W Rush KS
Job Ticket: 25299 **DST#: 2**
Test Start: 2006.06.26 @ 15:25:55

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:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud W/Oil Specks	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6719

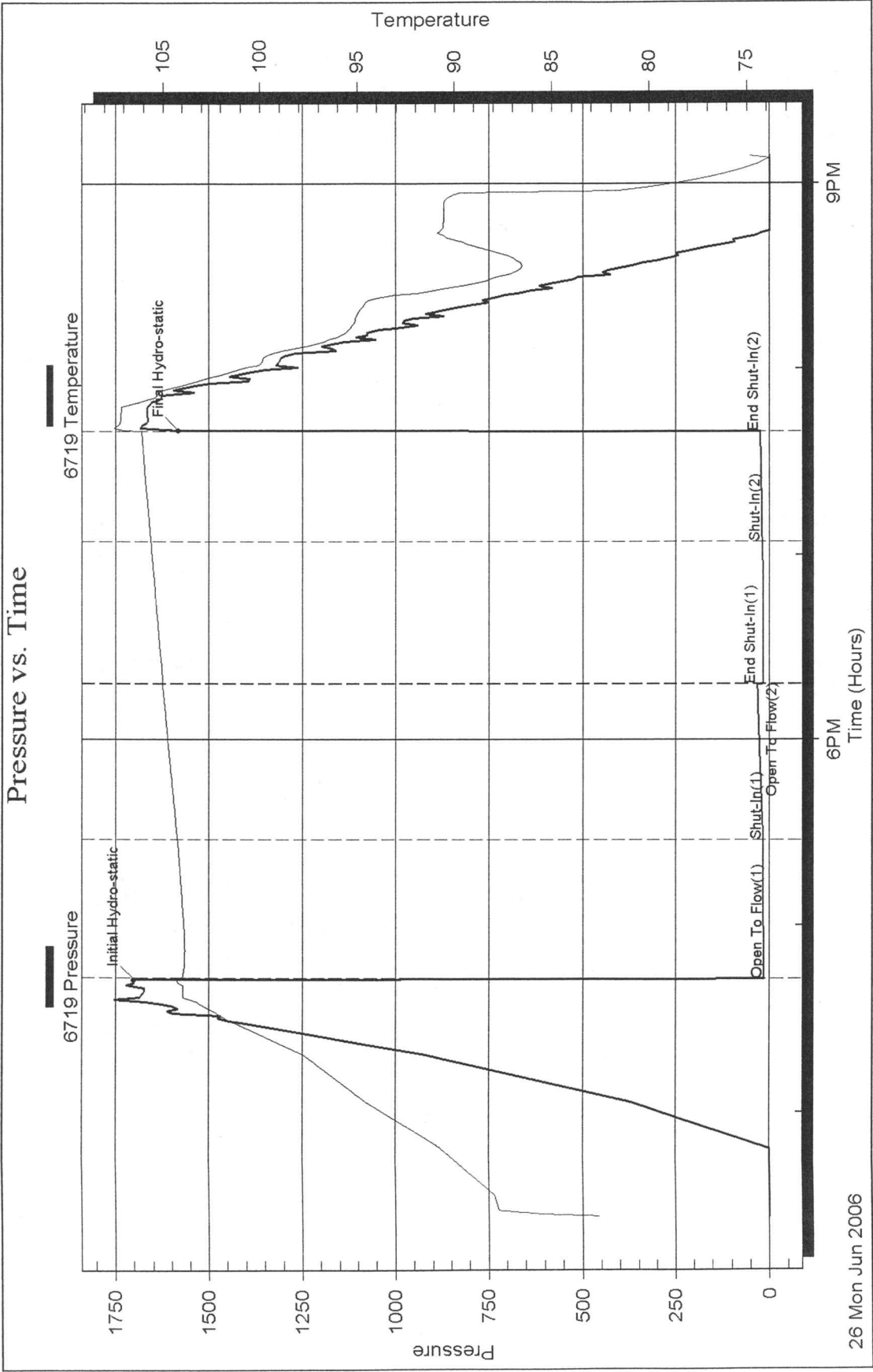
Inside

Paxco Inc

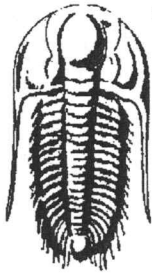
12 15S 18W Rush KS

DST Test Number: 2

Pressure vs. Time



26 Mon Jun 2006



**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Paxco Inc**

8920 Peppertree Circle
Wichita KS 67226

ATTN: Justin Austin

12 15S 18W Rush KS

Herrman #4

Start Date: 2006.06.27 @ 05:20:38

End Date: 2006.06.27 @ 13:55:38

Job Ticket #: 23976 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Paxco Inc

Herrman #4

12 15S 18W Rush KS

DST # 3

Sand

2006.06.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Paxco Inc
8920 Peppertree Circle
Wichita KS 67226
ATTN: Justin Austin

Herrman #4
12 15S 18W Rush KS
Job Ticket: 23976 **DST#: 3**
Test Start: 2006.06.27 @ 05:20:38

GENERAL INFORMATION:

Formation: **Sand**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 07:08:38
Time Test Ended: 13:55:38
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32
Interval: **3474.00 ft (KB) To 3542.00 ft (KB) (TVD)**
Reference Elevations: 1979.00 ft (KB)
Total Depth: 3542.00 ft (KB) (TVD) 1970.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 9.00 ft

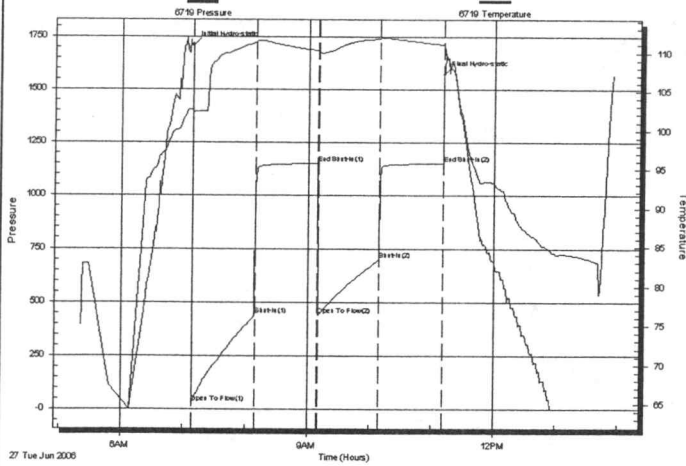
Serial #: 6719

Inside

Press@RunDepth: 698.86 psig @ 3477.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.06.27 End Date: 2006.06.27 Last Calib.: 2006.06.27
Start Time: 05:20:40 End Time: 13:55:38 Time On Btm: 2006.06.27 @ 07:08:23
Time Off Btm: 2006.06.27 @ 11:11:23

TEST COMMENT: IFF Strong BOB in 4 Min
ISI Blow back Built to 4"
FFP Strong, BOB in 5 Min
FSI Blow back Built to 8"

Pressure vs. Time



PRESSURE SUMMARY

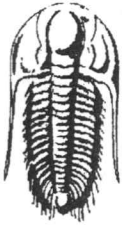
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.15	102.61	Initial Hydro-static
1	30.52	102.22	Open To Flow (1)
61	438.76	111.29	Shut-In(1)
122	1150.38	110.28	End Shut-In(1)
122	440.43	110.10	Open To Flow (2)
181	698.86	111.80	Shut-In(2)
243	1150.37	111.05	End Shut-In(2)
243	1570.49	111.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
840.00	VSOCMW 17%G 3%O 57%W 23%M	11.78
690.00	GMM 5%G 75%W 20%M	9.68

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Paxco Inc

Herrman #4

8920 Peppertree Circle
Wichita KS 67226

12 15S 18W Rush KS

Job Ticket: 23976

DST#: 3

ATTN: Justin Austin

Test Start: 2006.06.27 @ 05:20:38

Tool Information

Drill Pipe:	Length: 3465.00 ft	Diameter: 3.80 inches	Volume: 48.60 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 46000.00 lb
		Total Volume:	48.60 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3474.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3454.00	
Shut In Tool	5.00			3459.00	
Hydraulic tool	5.00			3464.00	
Packer	5.00			3469.00	21.00 Bottom Of Top Packer
Packer	5.00			3474.00	
Stubb	1.00			3475.00	
Perforations	1.00			3476.00	
Change Over Sub	1.00			3477.00	
Recorder	0.00	6719	Inside	3477.00	
Blank Spacing	31.00			3508.00	
Change Over Sub	1.00			3509.00	
Perforations	30.00			3539.00	
Recorder	0.00	13221	Outside	3539.00	
Bullnose	3.00			3542.00	68.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Paxco Inc
8920 Peppertree Circle
Wichita KS 67226

Herrman #4

12 15S 18W Rush KS

Job Ticket: 23976

DST#: 3

ATTN: Justin Austin

Test Start: 2006.06.27 @ 05:20:38

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:	29000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
840.00	VSOCMW 17%G 3%O 57%W 23%M	11.783
690.00	GMW 5%G 75%W 20%M	9.679

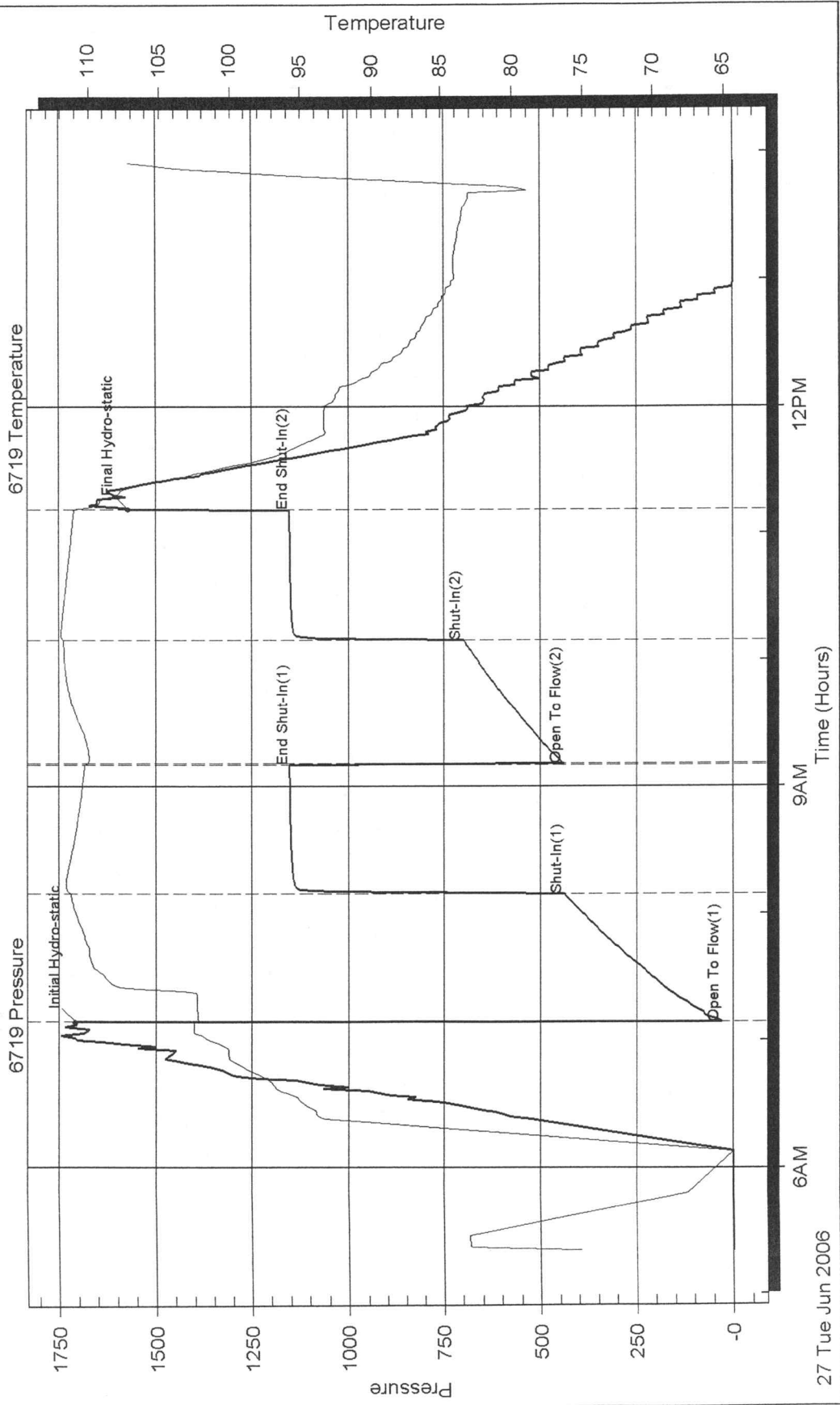
Total Length: 1530.00 ft Total Volume: 21.462 bbl

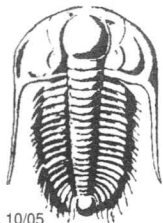
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8945

25298

Test Ticket

Well Name & No. Herrman #4 Test No. 1 Date 6-25-06
 Company Paxco Inc. Zone Tested Lansing "I-J"
 Address 8920 Peppertree Circle, Wichita, 67226 Elevation 1979 KB 1970 GL
 Co. Rep / Geo. Josh Austin Rig Duke #4
 Location: Sec. 12 Twp. 15s Rge. 18w Co. Rush State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3400-3442 Initial Str Wt./Lbs. 33,000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 42' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 36,000
 Top Packer Depth 3395 Tool Weight 2200
 Bottom Packer Depth 3400 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3442 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM _____ Vis. 49 WL _____ Drill Pipe Size 4 1/2 XH Ft. Run 3405
 Blow Description IFP - Good Blow, BOB in 9 min.
ISI - Dead
FFP - Good Blow, BOB in 10 min.
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>85</u>	<u>780</u>	<u>—</u>	<u>85</u>
Rec. <u>25</u>	Feet of <u>SOCM</u>	%gas <u>5</u>	%oil <u>95</u> %mud
Rec. <u>60</u>	Feet of <u>Gassy Oil Cut Watery Mud</u>	25%gas <u>20</u>	20%oil <u>35</u> %water %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud

BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .312 @ 55 °F Chlorides 27,000 ppm Recovery _____ Chlorides _____ ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI	Recorder No.	Test
(B) First Initial Flow Pressure	<u>1653</u>	<u>16</u>	PSI	<u>6719</u>	<u>1000</u>
(C) First Final Flow Pressure	<u>33</u>	<u>33</u>	PSI	<u>3403</u>	Jars _____
(D) Initial Shut-In Pressure	<u>336</u>	<u>33</u>	PSI	<u>13221</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>32</u>	<u>336</u>	PSI	<u>3439</u>	Circ Sub _____
(F) Second Final Flow Pressure	<u>45</u>	<u>32</u>	PSI	_____	Sampler _____
(G) Final Shut-In Pressure	<u>263</u>	<u>45</u>	PSI	_____	Straddle _____
(Q) Final Hydrostatic Mud	<u>1594</u>	<u>263</u>	PSI	<u>60</u>	Ext. Packer _____
				<u>60</u>	Shale Packer _____
				<u>60</u>	Ruined Packer _____

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 _____

Our Representative J. Mc Lomax

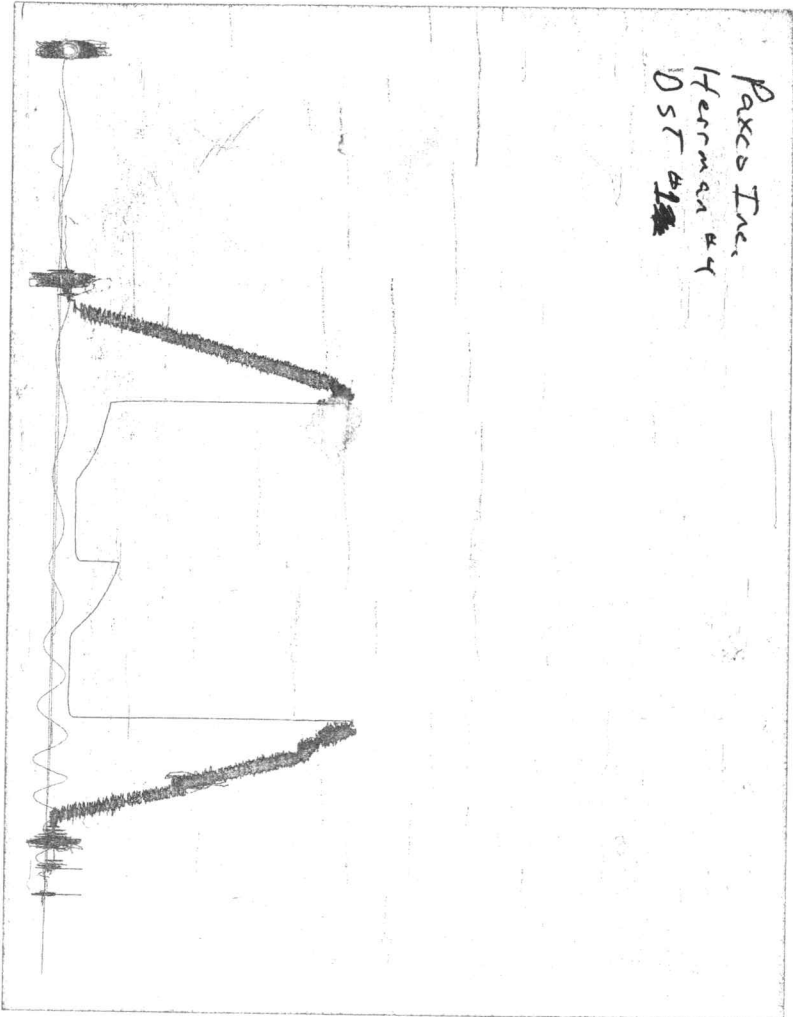
T-On Location 20:10
 T-Started 21:50
 T-Open 23:42
 T-Pulled 3:42
 T-Out 5:38
9:42

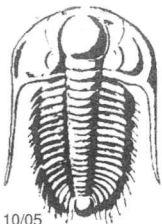
Mileage 32 ft 40
 Sub Total: 1040
 Std. By 1.5 75
 Acc. Chg: _____
 Other: _____
 Total: 1115

CHART PAGE

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

Paces Inc.
Herrman & Y
DST 4/14





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25299

Test Ticket

Well Name & No. Herrman #4 Test No. 2 Date 6-26-06
 Company Paxco Inc. Zone Tested Penn. Conglomerate
 Address 8920 Peppertree Circle, Wichita, 67226 Elevation 1979 KB 1970 GL
 Co. Rep / Geo. Josh Austin. Rig Duke #4
 Location: Sec. 12 Twp. 15s Rge. 18w Co. Rush State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3475-3520 Initial Str Wt./Lbs. 32,000 Unseated Str Wt./Lbs. 32,000
 Anchor Length 45' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 40,000
 Top Packer Depth 3470 Tool Weight 2200
 Bottom Packer Depth 3475 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3520 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM _____ Vis. 47 WL _____ Drill Pipe Size 4 1/2 XH Ft. Run 3467
 Blow Description IFP-Weak Blow, Built to 1/4"
ISI-Dead

FFP-Dead
FSI-Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>10</u>	<u>—</u>	<u>—</u>	<u>10</u>
Rec. <u>10</u>	Feet of <u>Mud w/lost specks</u>	%gas <u><1</u>	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1703</u>		<u>6719</u>	<u>1000</u>
(B) First Initial Flow Pressure		<u>19</u>		<u>3478</u>	Jars _____
(C) First Final Flow Pressure		<u>17</u>		<u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>31</u>		<u>3517</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>17</u>			Sampler _____
(F) Second Final Flow Pressure		<u>19</u>			Straddle _____
(G) Final Shut-In Pressure		<u>24</u>		<u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1583</u>		<u>45</u>	Shale Packer _____

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.

T-On Location 14:45
 T-Started 15:25
 T-Open 16:42
 T-Pulled 19:42
 T-Out 21:08

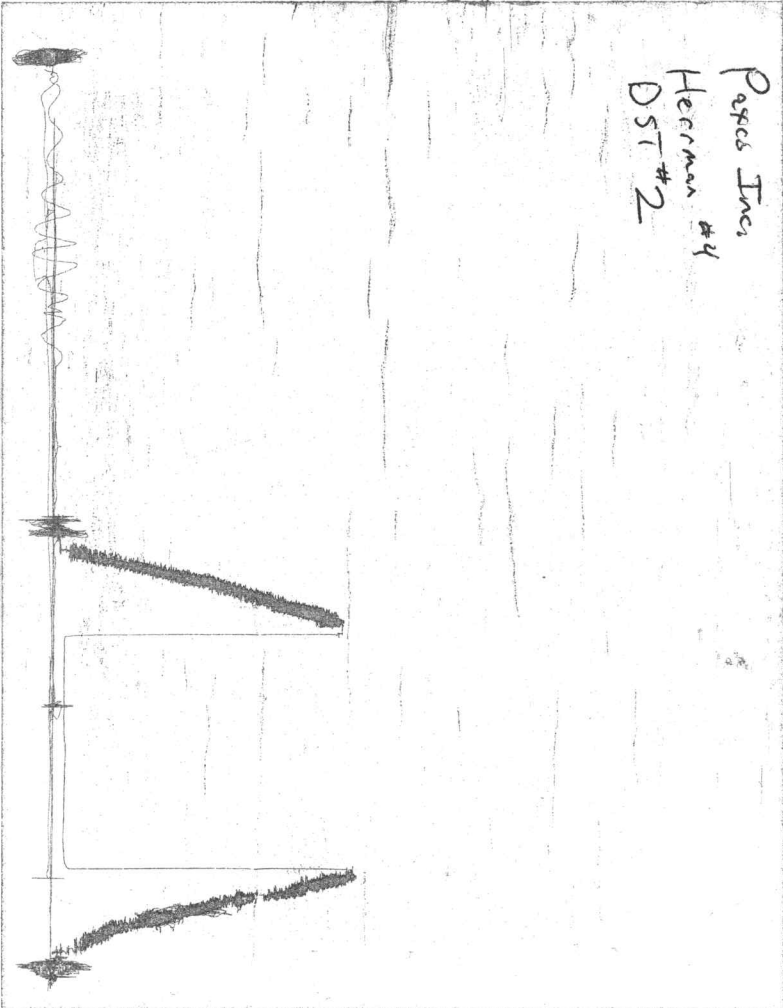
Approved By _____
 Our Representative J. Mc Lemore Thank you

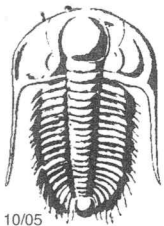
Final Flow _____ Ruined Packer _____
 Final Shut-In 45 Mileage 32 ft. 40
 Sub Total: 1040
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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

Papco Inc
Herman #4
DST #2





TRILOBITE TESTING INC.

No 23976

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Herrman #4 Test No. 3 Date 6-27-06
 Company Paxco Inc. Zone Tested Sand
 Address 8920 Peppertree Circle, Wichita, 67226 Elevation 1979 KB 1970 GL
 Co. Rep / Geo. Josh Austin Rig Duke #4
 Location: Sec. 12 Twp. 15s Rge. 18w Co. Rush State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3474 - 3542 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 42,000
 Anchor Length 68' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 46,000
 Top Packer Depth 3469 Tool Weight 2200
 Bottom Packer Depth 3474 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3542 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.2 LCM _____ Vis. 50 WL _____ Drill Pipe Size 4 1/2 XH Ft. Run 3465
 Blow Description JFP - Strong, BOB in 4 min.
ISI - Blowback Built to 4"
FFP - Strong Blow, BOB in 5 min.
FSE - Blowback Built to 8"

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>840</u>	Feet of <u>VSOCmw</u>	<u>17</u> %gas <u>3</u> %oil <u>57</u> %water <u>23</u> %mud	
Rec. <u>690</u>	Feet of <u>Gassy Muddy water</u>	<u>5</u> %gas <u><1</u> %oil <u>75</u> %water <u>20</u> %mud	
Rec. _____	Feet of _____	%gas %oil %water %mud	
Rec. _____	Feet of _____	%gas %oil %water %mud	
Rec. _____	Feet of _____	%gas %oil %water %mud	

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 205 @ 80 °F Chlorides 29,000 ppm Recovery _____ Chlorides _____ ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1705</u> PSI		<u>6719</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>31</u> PSI		(depth) <u>3477</u>	Jars _____
(C) First Final Flow Pressure	<u>439</u> PSI		Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1150</u> PSI		(depth) <u>3539</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>440</u> PSI		Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>699</u> PSI		(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1150</u> PSI	Initial Opening <u>60</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1596</u> PSI	Initial Shut-In <u>60</u>		Shale Packer _____

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Approved By _____
 Our Representative J. McLemore Thank you
 Final Flow 60
 Final Shut-In 60
 T-On Location 4:44
 T-Started 5:20
 T-Open 7:08
 T-Pulled 11:08
 T-Out 13:55
 9'4
 Mileage 32 + 40
 Sub Total: 1040
 Std. By 1.14 62.50
 Acc. Chg: _____
 Other: _____
 Total: 1102.50

CHART PAGE

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

Paxco Inc.
Herrman #4
DST # 3

