

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO**

PO Box 372
Hays KS 67601

ATTN: Ron Nelson

22 14S 16W Ellis KS

Norbert 1-22

Start Date: 2006.10.25 @ 00:00:00

End Date:

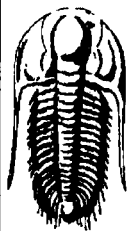
Job Ticket #: 26534

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Downing-Nelson Oil CO

PO Box 372
Hays KS 67601

ATTN: Ron Nelson

Norbert 1-22

22 14S 16W Ellis KS

Job Ticket: 26534

DST#: 1

Test Start: 2006.10.25 @ 00:00:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened:

Time Test Ended:

Test Type: **Conventional Straddle**

Tester: **Brian Fairbank**

Unit No: **24**

Interval: 3165.00 ft (KB) To 3209.00 ft (KB) (TVD)

Total Depth: 3500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: **1903.00 ft (KB)**

1897.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6769

Press@RunDepth: **psig @ ft (KB)**

Start Date: **2006.10.25**

End Date:

2006.10.25

Capacity: **7000.00 psig**

Last Calib.:

2006.10.25

Start Time: **03:00:45**

End Time:

06:30:13

Time On Btm:

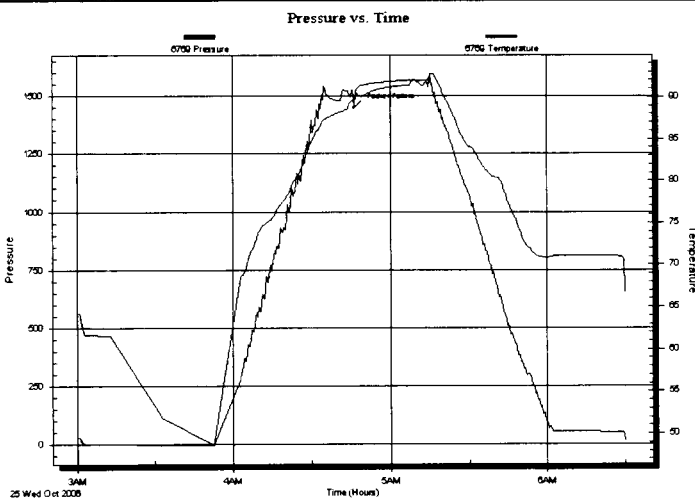
Time Off Btm:

TEST COMMENT: **IIF - PACKER FAILURE**

ISI -

FFP -

FSI -



PRESSURE SUMMARY

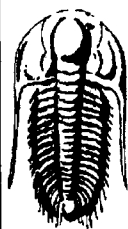
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1450.70	89.63	--Packer Failure

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO

Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

Job Ticket: 26534

DST#: 1

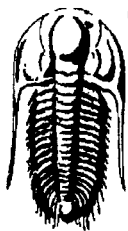
ATTN: Ron Nelson

Test Start: 2006.10.25 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3145.00 ft	Diameter: 3.80 inches	Volume: 44.12 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
		Total Volume:	44.12 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3165.00 ft			Final lb
Depth to Bottom Packer:	3210.02 ft			
Interval between Packers:	45.02 ft			
Tool Length:	384.03 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3126.00	
Telemetry Tool	24.00			3150.00	
Hydraulic tool	5.00			3155.00	
Packer	5.00			3160.00	44.00 Bottom Of Top Packer
Packer	5.00			3165.00	
Stubb	1.00			3166.00	
Perforations	2.00			3168.00	
Change Over Sub	1.00			3169.00	
Recorder	0.01	6769	Inside	3169.01	
Blank Spacing	31.00			3200.01	
Change Over Sub	1.00			3201.01	
Perforations	3.00			3204.01	
Recorder	0.01	13548	Outside	3204.02	
Blank Off Sub	1.00			3205.02	
Blank Spacing	5.00			3210.02	45.02 Tool Interval
Packer	5.00			3215.02	
Perforations	1.00			3216.02	
Change Over Sub	1.00			3217.02	
Blank Spacing	279.00			3496.02	
Change Over Sub	1.00			3497.02	
Perforations	5.00			3502.02	
Recorder	0.01	13760	Below	3502.03	
Bullnose	3.00			3505.03	295.01 Bottom Packers & Anchor
Total Tool Length:		384.03			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil CO

Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

Job Ticket: 26534

DST#: 1

ATTN: Ron Nelson

Test Start: 2006.10.25 @ 00:00:00

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.75 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 9000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

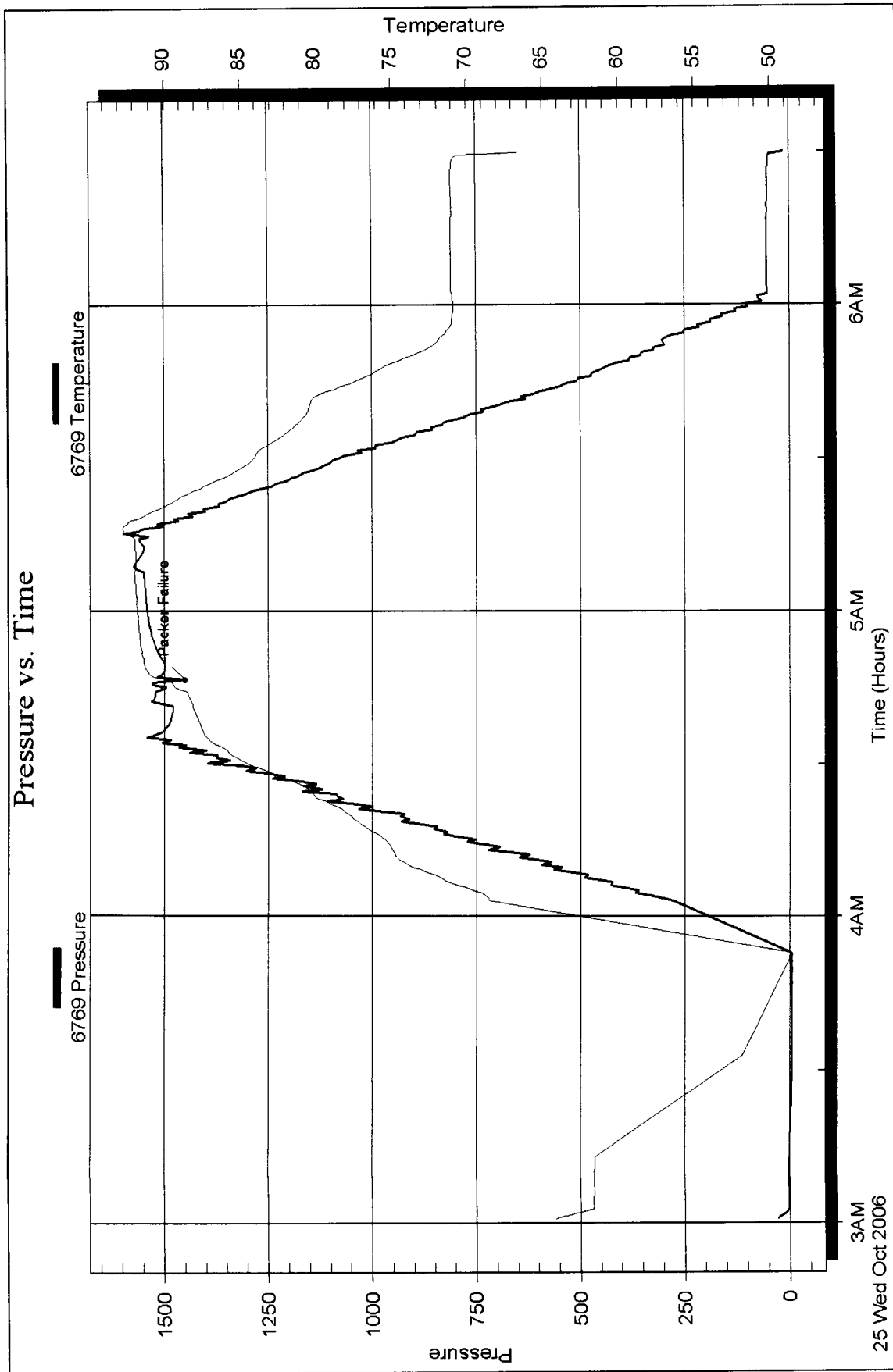
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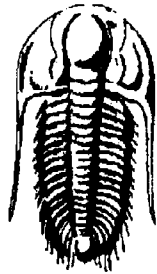
Serial #: 6769

Dow ning-Nelson Oil CO

22 14S 16W Ellis KS

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO**

PO Box 372
Hays KS 67601

ATTN: Ron Nelson

22 14S 16W Ellis KS

Norbert 1-22

Start Date: 2006.10.25 @ 00:00:00

End Date:

Job Ticket #: 26535

DST #: 2

Trilobite Testing, Inc

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Downing-Nelson Oil CO

Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

ATTN: Ron Nelson

Job Ticket: 26535

DST#: 2

Test Start: 2006.10.25 @ 00:00:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Straddle

Tester: Brian Fairbank

Unit No: 24

Interval: **3164.00 ft (KB) To 3209.00 ft (KB) (TVD)**

Total Depth: 3500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1903.00 ft (KB)

1897.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6769

Press@RunDepth: psig @ ft (KB)

Start Date: 2006.10.25

End Date:

2006.10.25

Capacity: 7000.00 psig

Last Calib.: 2006.10.25

Start Time: 07:08:07

End Time:

10:13:20

Time On Btm:

Time Off Btm:

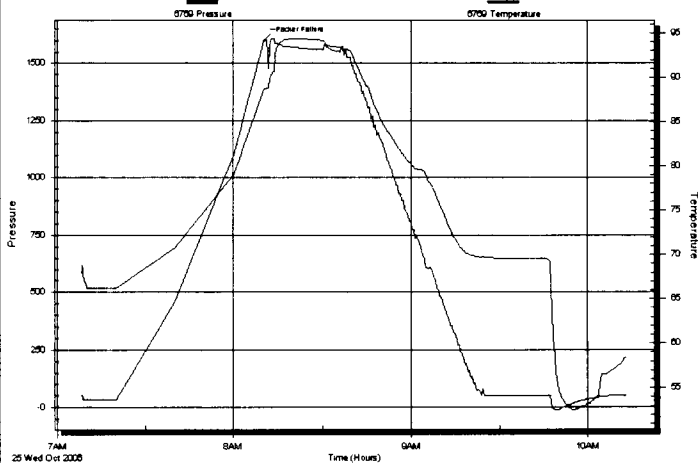
TEST COMMENT: IFP - PACKER FAILURE

ISI -

FFP -

FSI -

Pressure vs. Time



PRESSURE SUMMARY

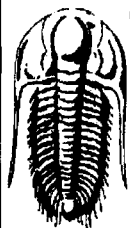
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.77	88.65	--Packer Failure

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO

Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

Job Ticket: 26535

DST#: 2

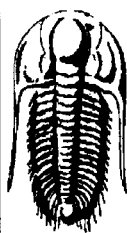
ATTN: Ron Nelson

Test Start: 2006.10.25 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3144.00 ft	Diameter: 3.80 inches	Volume: 44.10 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	lb
			Total Volume: 44.10 bbl	Tool Chased	ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	lb
Depth to Top Packer:	3164.00 ft			Final	lb
Depth to Bottom Packer:	3215.02 ft				
Interval between Packers:	51.02 ft				
Tool Length:	385.03 ft				
Number of Packers:	3	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3130.00		
Telemetry Tool	24.00			3154.00		
Hydraulic tool	5.00			3159.00		
Packer	5.00			3164.00	39.00	Bottom Of Top Packer
Packer - Shale	5.00			3169.00		
Stubb	1.00			3170.00		
Perforations	3.00			3173.00		
Change Over Sub	1.00			3174.00		
Recorder	0.01	6769	Inside	3174.01		
Blank Spacing	31.00			3205.01		
Change Over Sub	1.00			3206.01		
Perforations	3.00			3209.01		
Recorder	0.01	13548	Outside	3209.02		
Blank Off Sub	1.00			3210.02		
Blank Spacing	5.00			3215.02	51.02	Tool Interval
Packer	5.00			3220.02		
Perforations	1.00			3221.02		
Change Over Sub	1.00			3222.02		
Blank Spacing	279.00			3501.02		
Change Over Sub	1.00			3502.02		
Perforations	5.00			3507.02		
Recorder	0.01	13760	Below	3507.03		
Bullnose	3.00			3510.03	295.01	Bottom Packers & Anchor
Total Tool Length:		385.03				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil CO

Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

Job Ticket: 26535

DST#: 2

ATTN: Ron Nelson

Test Start: 2006.10.25 @ 00:00:00

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

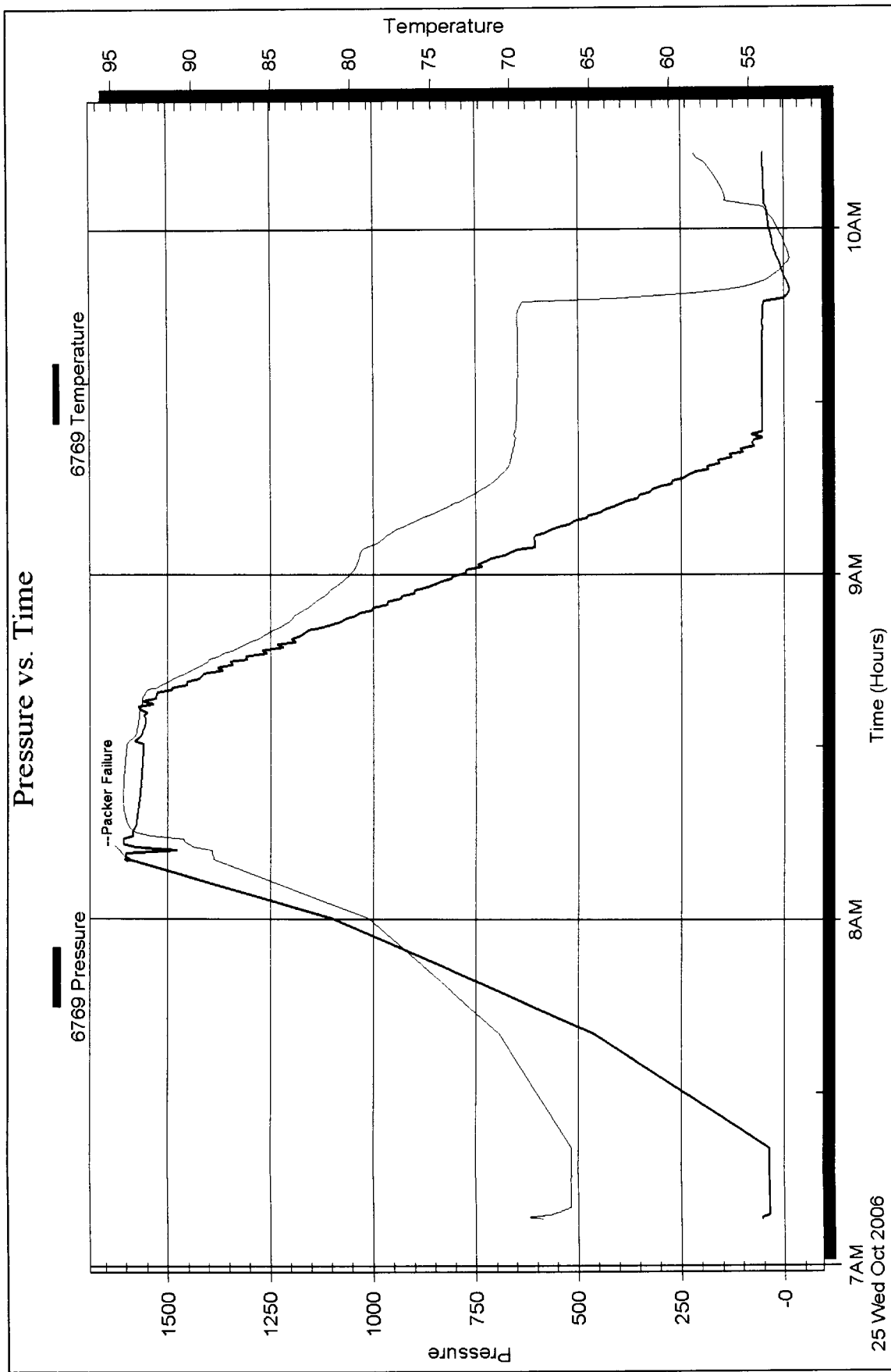
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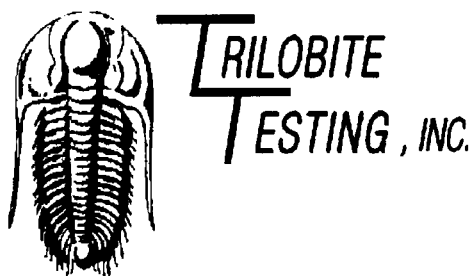
Serial #: 6769

Downing-Nelson Oil CO

22 14S 16W Ellis KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil CO**

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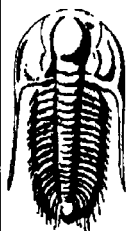
Norbert 1-22

Start Date: 2006.10.25 @ 10:18:52

End Date: 2006.10.25 @ 17:10:20

Job Ticket #: 26536 DST #: 3

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Downing-Nelson Oil CO

PO Box 372
Hays KS 67601

ATTN: Ron Nelson

Norbert 1-22

22 14S 16W Ellis KS

Job Ticket: 26536

DST#: 3

Test Start: 2006.10.25 @ 10:18:52

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:01:20

Time Test Ended: 17:10:20

Test Type: **Conventional Straddle**

Tester: **Brian Fairbank**

Unit No: **24**

Interval: **3430.00 ft (KB) To 3438.00 ft (KB) (TVD)**

Total Depth: **3500.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition:

Reference Elevations: **1903.00 ft (KB)**

1897.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 6769

Inside

Press@RunDepth: **75.56 psig @ 3436.01 ft (KB)**

Start Date: **2006.10.25**

End Date:

2006.10.25

Start Time: **10:18:52**

End Time:

17:10:20

Capacity: **7000.00 psig**

Last Calib.: **2006.10.25**

Time On Btm: **2006.10.25 @ 12:01:05**

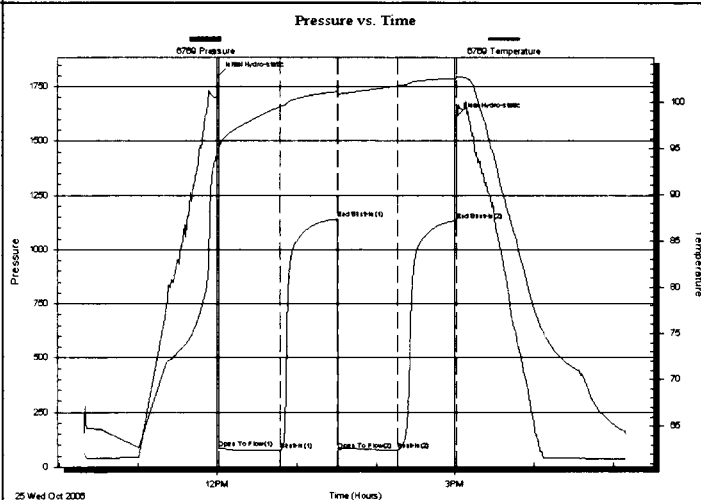
Time Off Btm: **2006.10.25 @ 15:01:20**

TEST COMMENT: IFP Weak blow throughout sur - 2 "

ISI No blow back

FFP No blow 15 min. - weak sur blow 15 min. - died

FSI No blow back



PRESSURE SUMMARY

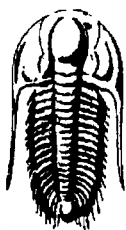
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1797.91	95.09	Initial Hydro-static
1	84.82	94.92	Open To Flow (1)
47	73.40	99.44	Shut-In (1)
90	1140.79	101.07	End Shut-In (1)
90	76.21	100.76	Open To Flow (2)
135	75.56	101.67	Shut-In (2)
180	1133.39	102.49	End Shut-In (2)
181	1614.09	102.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MW 85%W 15%M	0.21
5.00	FREE OIL 5%G 90%O 5%W	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil CO

Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

Job Ticket: 26536

DST#: 3

ATTN: Ron Nelson

Test Start: 2006.10.25 @ 10:18:52

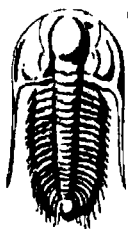
Tool Information

Drill Pipe:	Length:	3399.00 ft	Diameter:	3.80 inches	Volume:	47.68 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	47.68 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft						String Weight: Initial	47000.00 lb
Depth to Top Packer:	3430.00 ft						Final	48000.00 lb
Depth to Bottom Packer:	3444.01 ft							
Interval between Packers:	14.01 ft							
Tool Length:	120.02 ft							
Number of Packers:	3	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3396.00		
Telemetry Tool	24.00			3420.00		
Hydraulic tool	5.00			3425.00		
Packer	5.00			3430.00	39.00	Bottom Of Top Packer
Packer - Shale	5.00			3435.00		
Stubb	1.00			3436.00		
Recorder	0.01	6769	Inside	3436.01		
Perforations	2.00			3438.01		
Blank Off Sub	1.00			3439.01		
Blank Spacing	5.00			3444.01	14.01	Tool Interval
Packer	5.00			3449.01		
Perforations	20.00			3469.01		
Change Over Sub	1.00			3470.01		
Blank Spacing	32.00			3502.01		
Change Over Sub	1.00			3503.01		
Perforations	5.00			3508.01		
Recorder	0.01	13760	Below	3508.02		
Bullnose	3.00			3511.02	67.01	Bottom Packers & Anchor

Total Tool Length: 120.02



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Norbert 1-22

PO Box 372
Hays KS 67601

22 14S 16W Ellis KS

ATTN: Ron Nelson

Job Ticket: 26536

DST#: 3

Test Start: 2006.10.25 @ 10:18:52

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 11.95 in³

Resistivity: ohm.m

Salinity: 10000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

32 deg API

Water Salinity:

20000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MW 85%W 15%M	0.210
5.00	FREE OIL 5%G 90%O 5%W	0.070

Total Length: 20.00 ft

Total Volume: 0.280 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

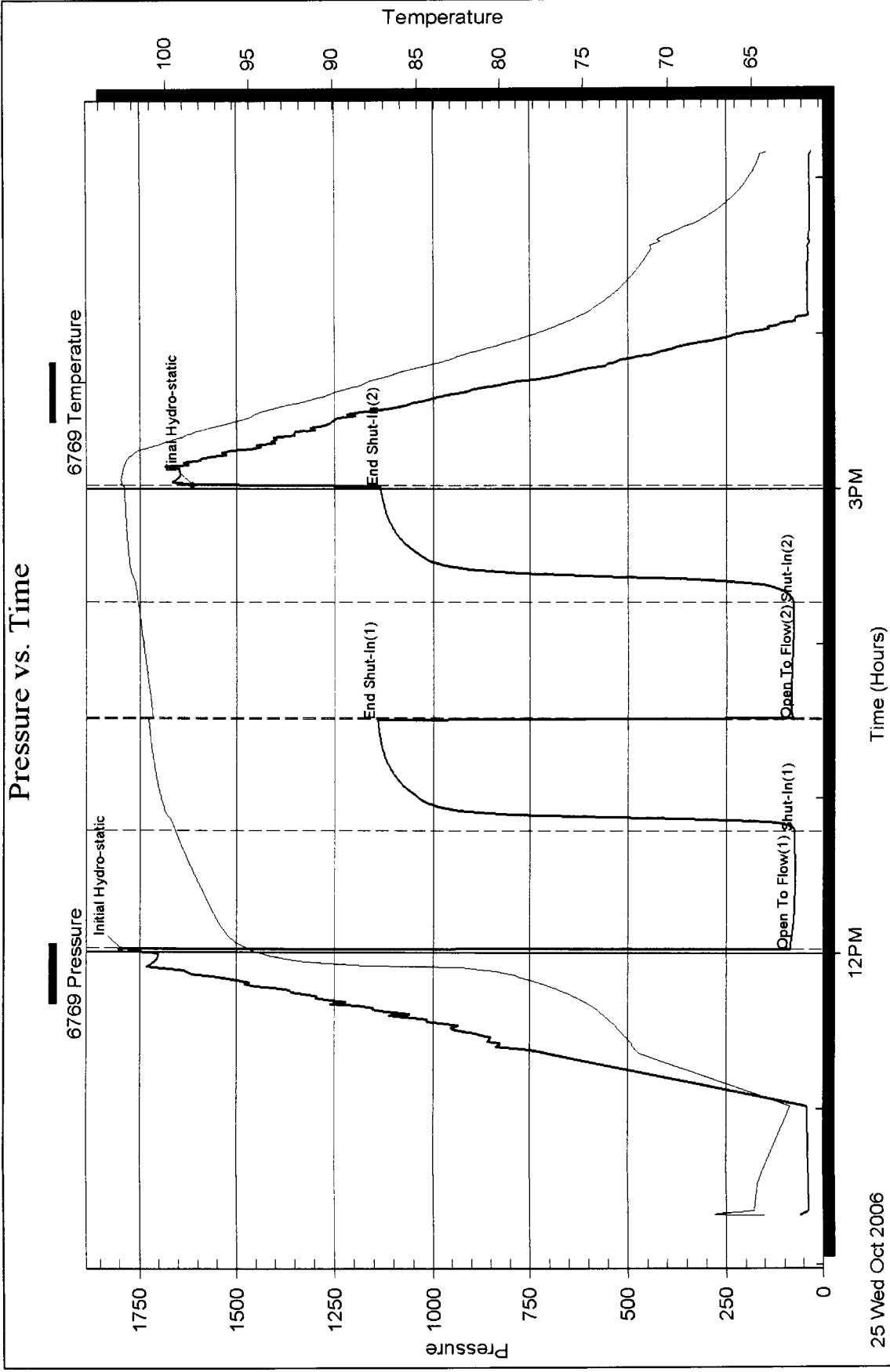
Inside

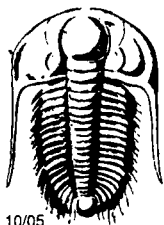
Dowling-Nelson Oil CO

22 14S 16W Ellis KS

DST Test Number: 3

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26534

9443

Test Ticket

Well Name & No. <u>Robert T-22</u>	Test No. <u>1</u>	Date <u>10-25-06</u>
Company <u>ONOC</u>	Zone Tested <u>LKC "C"</u>	
Address <u>P.O. Box 372 Hays, ks 67601</u>	Elevation <u>1903</u>	KB <u>1897</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Rig <u>Disco 2</u>	
Location: Sec. <u>22</u> Twp. <u>14^s</u> Rge. <u>16^w</u>	Co. <u>Ellis</u>	State <u>Ks</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3165-3209</u>	Initial Str Wt./Lbs. <u>47.000</u>	Unseated Str Wt/Lbs. _____
Anchor Length <u>44</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>3160</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3165</u>	Hole Size 7 7/8" <u>-</u>	Rubber Size 6 3/4" <u>-</u>
Total Depth <u>3500</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9.3</u> LCM Vis. <u>49</u> WL <u>11.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3145</u>
Blow Description <u>IFP- Packer Failure</u>		
<u>ISI-</u>		
<u>FFP-</u>		
<u>FSI-</u>		

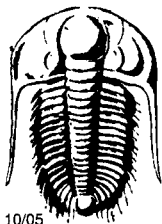
Recovery - Total Feet _____	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT _____ °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>9000</u> ppm System	

(A) Initial Hydrostatic Mud _____	PSI _____	Recorder No. <u>6769</u>	Test ☒ <u>900</u>
(B) First Initial Flow Pressure _____	PSI _____	(depth) <u>3169</u>	Jars _____
(C) First Final Flow Pressure _____	PSI _____	Recorder No. <u>13548</u>	Safety Jt. _____
(D) Initial Shut-In Pressure _____	PSI _____	(depth) <u>3204</u>	Circ Sub _____
(E) Second Initial Flow Pressure _____	PSI _____	Recorder No. <u>13760</u>	Sampler _____
(F) Second Final Flow Pressure _____	PSI _____	(depth) <u>3497</u>	Straddle ☒ <u>600</u>
(G) Final Shut-In Pressure _____	PSI _____	Initial Opening _____	Ext. Packer _____
(Q) Final Hydrostatic Mud _____	PSI _____	Initial Shut-In _____	Shale Packer _____
		Final Flow _____	Ruined Packer <u>3750</u>
		Final Shut-In _____	Mileage ☒ <u>30</u>
		T-On Location <u>0242</u>	Sub Total: <u>\$1537.50</u>
		T-Started <u>0333</u>	Std. By <u>TEK. TOOL</u>
		T-Open _____	Acc. Chg: _____
		T-Pulled _____	Other: <u>TEK. TOOL</u>
		T-Out _____	Total: _____

Approved By _____

Our Representative Brian Fairbank (Tub)

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.



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26535

Test Ticket

Well Name & No. <u>Robert 1-22</u>	Test No. <u>2</u>	Date <u>10-25-06</u>
Company <u>DNOX</u>	Zone Tested <u>LKC "C"</u>	
Address <u>P.O. Box 372 Hays, ks 67601</u>	Elevation <u>1903</u>	KB <u>1897</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Rig <u>Dico 2</u>	
Location: Sec. <u>22</u> Twp. <u>14^s</u> Rge. <u>16^w</u>	Co. <u>Ellis</u>	State <u>K</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3164-3209</u>	Initial Str Wt./Lbs. <u>47,000</u>	Unseated Str Wt/Lbs. _____
Anchor Length <u>45</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>3159</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3164</u>	Hole Size 7 7/8" <u>—</u>	Rubber Size 6 3/4" <u>—</u>
Total Depth <u>3500</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>—</u>
Mud Wt. <u>9.3</u> LCM Vis. <u>49</u> WL <u>11.8</u>	Drill Pipe Size <u>4 1/2 X 11</u>	Ft. Run <u>3144</u>
Blow Description <u>IFP- Packer Failure</u>		
<u>ISI-</u>		
<u>FFP-</u>		
<u>FSI-</u>		

Recovery - Total Feet _____	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT _____	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____	@ _____	*F _____	Chlorides _____ ppm Recovery _____
	AK-1 _____	Alpine _____	Chlorides _____ ppm System _____

(A) Initial Hydrostatic Mud _____	PSI _____	Recorder No. <u>6769</u>	Test ☒ <u>900</u>
(B) First Initial Flow Pressure _____	PSI _____	(depth) <u>3169</u>	Jars _____
(C) First Final Flow Pressure _____	PSI _____	Recorder No. <u>13548</u>	Safety Jt. _____
(D) Initial Shut-In Pressure _____	PSI _____	(depth) <u>3204</u>	Circ Sub _____
(E) Second Initial Flow Pressure _____	PSI _____	Recorder No. <u>13760</u>	Sampler _____
(F) Second Final Flow Pressure _____	PSI _____	(depth) <u>3497</u>	Straddle ☒ <u>600</u>
(G) Final Shut-In Pressure _____	PSI _____	Initial Opening	Ext. Packer _____
(Q) Final Hydrostatic Mud _____	PSI _____	Initial Shut-In _____	Shale Packer ☒ <u>200</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.		Final Flow _____	Ruined Packer _____
		Final Shut-In _____	Mileage <u>1700</u>
		T-On Location <u>—</u>	Sub Total: _____
		T-Started <u>0708</u>	Std. By _____
		T-Open _____	Acc. Chg: _____
		T-Pulled _____	Other: <u>Telem Tool</u>
		T-Out _____	Total: _____

Approved By _____

Our Representative Brian Farbank (Thats)

CHART PAGE

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

DWOC

Robot #1-22

DST #1-2

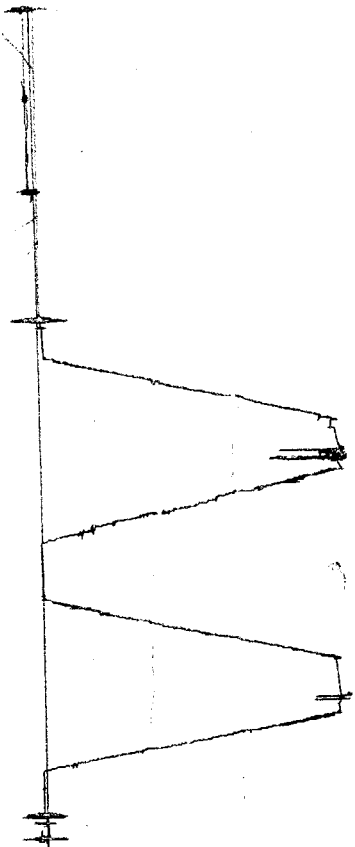
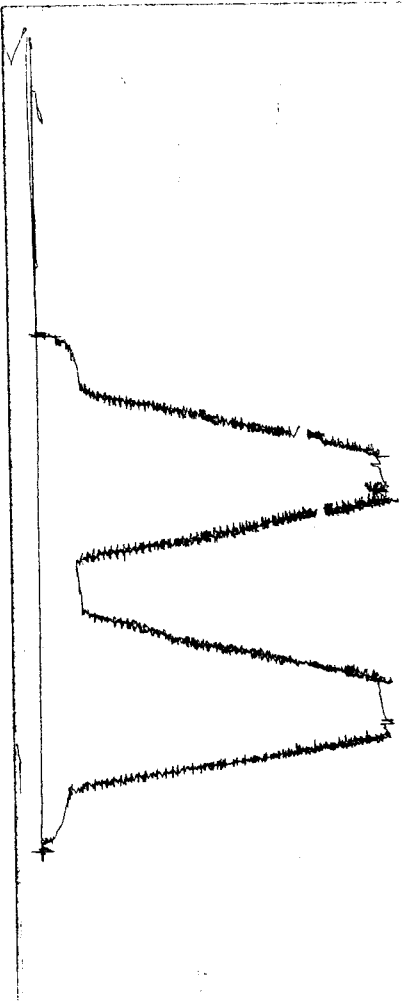
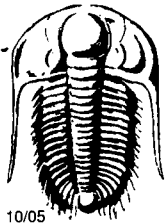


CHART PAGE

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

DWC
Robot 1-22
DST #1-2
Shedde,





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26536

Test Ticket

Well Name & No. <u>Robert 1-22</u>	Test No. <u>3</u>	Date <u>10-25-06</u>
Company <u>DNOC</u>	Zone Tested <u>Arbuckel</u>	
Address <u>P.O. Box 372 Hays, ks 67601</u>	Elevation <u>1903</u>	KB <u>1897</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Rig <u>Dico 2</u>	
Location: Sec. <u>22</u> Twp. <u>14^s</u> Rge. <u>16^w</u>	Co. <u>Ellis</u>	State <u>K</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3425 3430 - 3438</u>	Initial Str Wt./Lbs. <u>47,000</u>	Unseated Str Wt./Lbs. <u>48,000</u>
Anchor Length <u>8</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>60,000</u>
Top Packer Depth <u>3425</u>	Tool Weight <u>2500</u>	
Bottom Packer Depth <u>3430</u>	Hole Size 7 7/8" <u>-</u>	Rubber Size 6 3/4" <u>-</u>
Total Depth <u>3500</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9.4</u> LCM <u>-</u> Vis. <u>44</u> WL <u>12.0</u>	Drill Pipe Size <u>4 1/2 x 4</u>	Ft. Run <u>3399</u>
Blow Description <u>IFP - weak blow throughout sur - 2</u>		
<u>ISI - no blow back</u>		
<u>FFP - no blow 15 min - weak sur blow 15 min - died</u>		
<u>FSI - no blow back</u>		

Recovery - Total Feet <u>20</u>	GIP <u>-</u>	Ft. in DC <u>-</u>	Ft. in DP <u>20</u>
Rec. <u>5</u> Feet of <u>Free O.I</u>	<u>5</u> %gas	<u>90</u> %oil	<u>5</u> %water %mud
Rec. <u>15</u> Feet of <u>MW</u>	%gas	%oil	<u>85</u> %water <u>15</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water %mud
Rec. _____ Feet of _____	%gas	%oil	%water %mud
Rec. _____ Feet of _____	%gas	%oil	%water %mud
BHT <u>103</u> °F Gravity <u>32</u>	*API D @ <u>60</u>	*F Corrected Gravity <u>32</u>	*API
RW <u>1395</u> @ <u>63</u> °F	Chlorides <u>20,000</u> ppm	Recovery _____	Chlorides <u>10,000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>1703</u> PSI	Alpine	Recorder No. <u>6769</u>	Test <u>✓</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>85</u> PSI		(depth) <u>3436</u>	Jars _____
(C) First Final Flow Pressure	<u>73</u> PSI		Recorder No. <u>13548</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1141</u> PSI		(depth) <u>3497</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>76</u> PSI		Recorder No. <u>13760</u>	Sampler _____
(F) Second Final Flow Pressure	<u>76</u> PSI		(depth) _____	Straddle <u>✓</u> <u>600</u>
(G) Final Shut-In Pressure	<u>1133</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>1645</u> PSI	Initial Shut-In <u>45</u>	Shale Packer <u>✓</u> <u>200</u>	
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		Final Shut-In <u>45</u>	Mileage <u>1900</u>	
		T-On Location <u>-</u>	Sub Total: _____	
		T-Started <u>1018</u>	Std. By _____	
		T-Open <u>1201</u>	Acc. Chg: _____	
		T-Pulled <u>1501</u>	Other: <u>Telem Tel</u>	
		T-Out <u>1710</u>	Total: _____	

Approved By _____

Our Representative Brian Farbank (fthb)

CHART PAGE

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

DWC

Robert 1-22

DST #3

STADDLE

