

DRILL STEM TEST REPORT

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

ATTN: Ron Nelson

35 13 22 Trego KS

Amrein Fabrizius 1-35

Start Date: 2006.10.09 @ 21:44:02

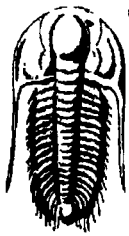
End Date: 2006.10.10 @ 04:55:47

Job Ticket #: 26267 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

Amrein Fabrizio 1-35

35 13 22 Trego KS

Job Ticket: 26267

DST#: 1

ATTN: Ron Nelson

Test Start: 2006.10.09 @ 21:44:02

GENERAL INFORMATION:

Formation: **LKC- C,D,E,F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:42:42

Time Test Ended: 04:55:47

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: 38

Interval: **3798.00 ft (KB) To 3868.00 ft (KB) (TVD)**

Total Depth: 3868.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2392.00 ft (KB)

2384.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6741 Inside

Press@RunDepth: 135.81 psig @ 3804.00 ft (KB)

Start Date: 2006.10.09

End Date:

2006.10.10

Capacity: 7000.00 psig

Last Calib.: 2006.10.10

Start Time: 21:44:04

End Time:

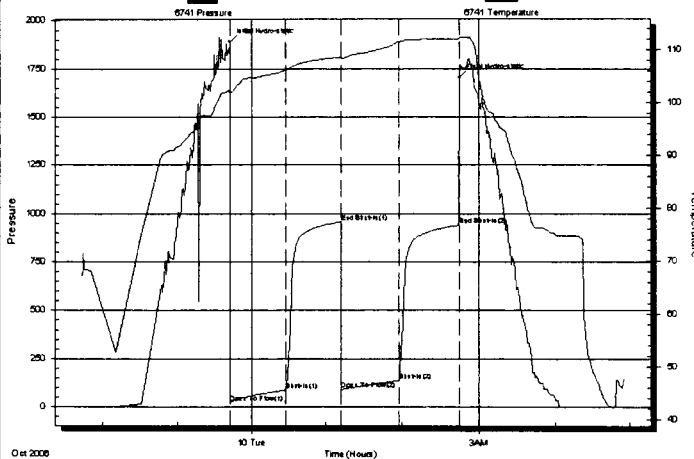
04:55:47

Time On Btm: 2006.10.09 @ 23:42:32

Time Off Btm: 2006.10.10 @ 02:45:02

TEST COMMENT: IF B of B 18 m
ISI No Blow Back
FF B of B 20 m
FSI Weak surface blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1890.19	102.32	Initial Hydro-static
1	18.94	101.57	Open To Flow (1)
45	87.27	106.10	Shut-In (1)
90	956.95	108.56	End Shut-In (1)
90	91.72	108.38	Open To Flow (2)
135	135.81	111.36	Shut-In (2)
182	938.86	111.99	End Shut-In (2)
183	1704.15	112.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	M & W 50%M 50%W	0.57
125.00	M & O 50%M 50%O	1.75
90.00	Clean Oil	1.26
0.00	300 GIP	0.00

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

Amrein Fabrizio 1-35

35 13 22 Trego KS

Job Ticket: 26267

DST#: 1

ATTN: Ron Nelson

Test Start: 2006.10.09 @ 21:44:02

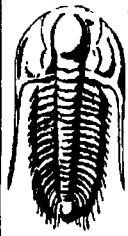
Tool Information

Drill Pipe:	Length: 3767.00 ft	Diameter: 3.80 inches	Volume: 52.84 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	50000.00 lb
			Total Volume: 52.99 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3798.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	91.00 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			3778.00	
Shut In Tool	5.00			3783.00	
Hydraulic tool	5.00			3788.00	
Packer	5.00			3793.00	21.00 Bottom Of Top Packer
Packer	5.00			3798.00	
Stubb	1.00			3799.00	
Perforations	4.00			3803.00	
Change Over Sub	1.00			3804.00	
Recorder	0.00	6741	Inside	3804.00	
Drill Pipe	30.00			3834.00	
Change Over Sub	1.00			3835.00	
Recorder	0.00	13254	Outside	3835.00	
Perforations	30.00			3865.00	
Bullnose	3.00			3868.00	70.00 Bottom Packers & Anchor

Total Tool Length: 91.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26267

DST#: 1

ATTN: Ron Nelson

Test Start: 2006.10.09 @ 21:44:02

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 65.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	M & W 50%M 50%W	0.568
125.00	M & O 50%M 50%O	1.753
90.00	Clean Oil	1.262
0.00	300 GIP	0.000

Total Length: 275.00 ft

Total Volume: 3.583 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

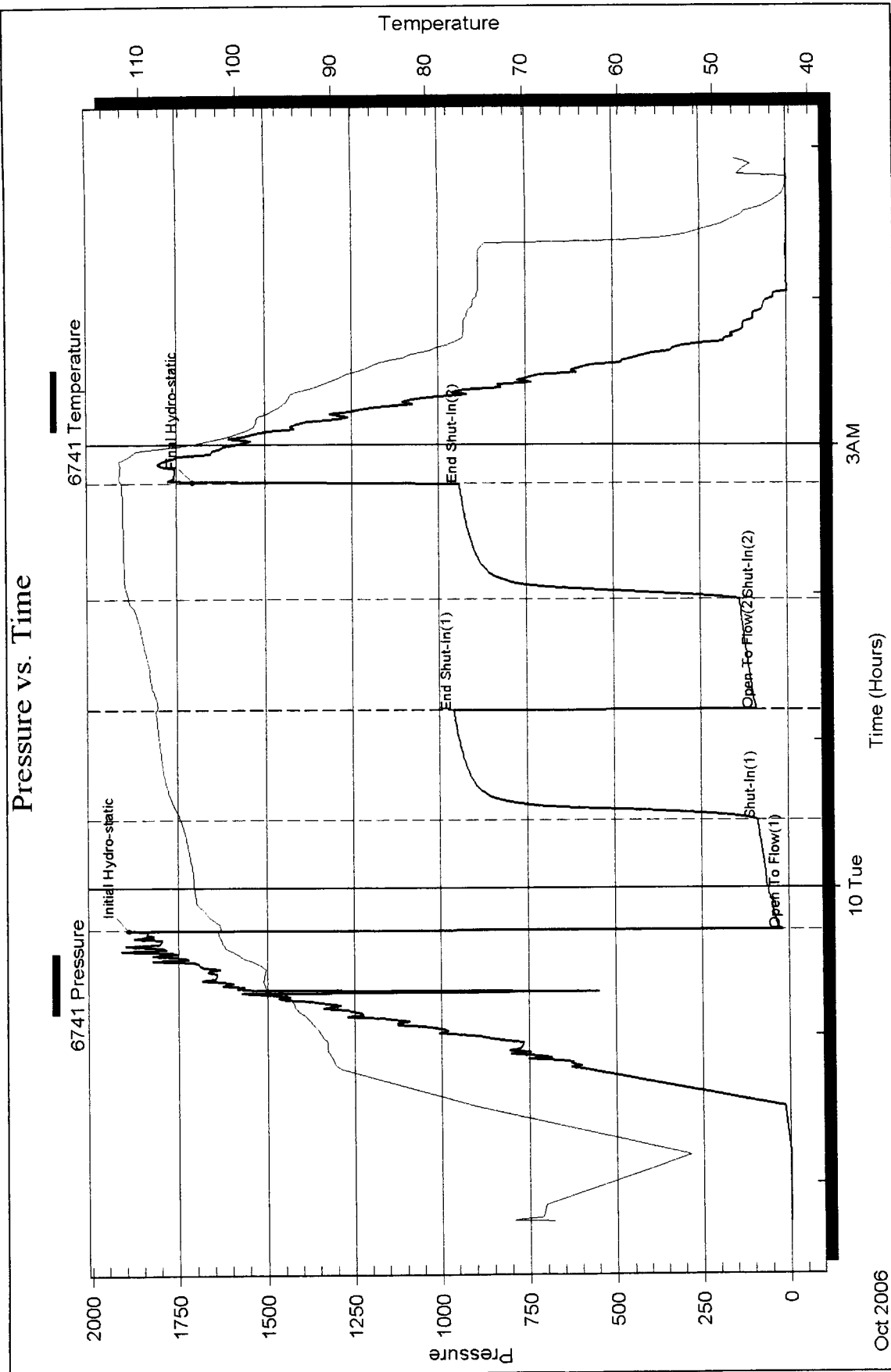
DST Test Number: 1

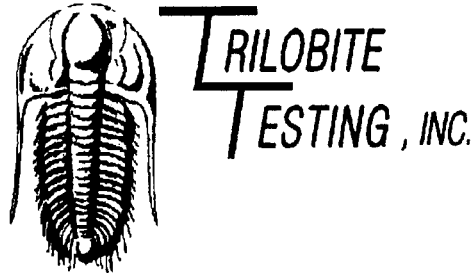
35 13 22 Trego KS

Downing-Nelson Oil Co

Inside

Serial #: 6741





DRILL STEM TEST REPORT

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

ATTN: Ron Nelson

35 13 22 Trego KS

Amrein Fabrizzius 1-35

Start Date: 2006.10.10 @ 13:40:32

End Date: 2006.10.10 @ 19:39:17

Job Ticket #: 26268 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

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26268

DST#: 2

ATTN: Ron Nelson

Test Start: 2006.10.10 @ 13:40:32

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:50:17

Time Test Ended: 19:39:17

Test Type: Conventional Bottom Hole

Tester: Michael Armbrister

Unit No: 38

Interval: **3897.00 ft (KB) To 3975.00 ft (KB) (TVD)**

Total Depth: 3975.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2392.00 ft (KB)

2384.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6741

Inside

Press@RunDepth: 20.21 psig @ 3904.00 ft (KB)

Start Date: 2006.10.10

End Date:

2006.10.10

Capacity: 7000.00 psig

Last Calib.: 2006.10.10

Start Time: 13:40:34

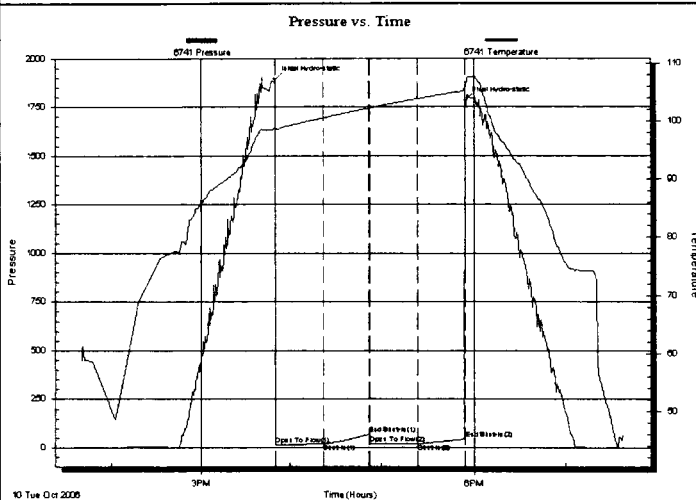
End Time:

19:39:17

Time On Btm: 2006.10.10 @ 15:50:02

Time Off Btm: 2006.10.10 @ 17:54:32

TEST COMMENT: IF Weak surface blow
ISI No blow
FF Weak surface blow
FSI No Blow



PRESSURE SUMMARY

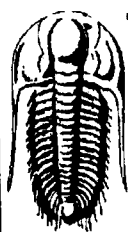
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1889.14	98.78	Initial Hydro-static
1	14.48	98.50	Open To Flow (1)
32	17.99	100.56	Shut-In (1)
62	70.22	102.25	End Shut-In (1)
62	19.27	102.25	Open To Flow (2)
94	20.21	103.81	Shut-In (2)
125	44.94	105.22	End Shut-In (2)
125	1781.18	105.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Drilling Mud	0.04

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

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26268

DST#: 2

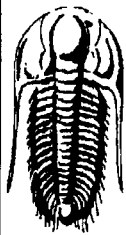
ATTN: Ron Nelson

Test Start: 2006.10.10 @ 13:40:32

Tool Information

Drill Pipe:	Length: 3856.00 ft	Diameter: 3.80 inches	Volume: 54.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 54.24 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3897.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.00 ft				
Tool Length:	99.00 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			3877.00	
Shut In Tool	5.00			3882.00	
Hydraulic tool	5.00			3887.00	
Packer	5.00			3892.00	21.00 Bottom Of Top Packer
Packer	5.00			3897.00	
Stubb	1.00			3898.00	
Perforations	5.00			3903.00	
Change Over Sub	1.00			3904.00	
Recorder	0.00	6741	Inside	3904.00	
Drill Pipe	62.00			3966.00	
Change Over Sub	1.00			3967.00	
Recorder	0.00	13254	Outside	3967.00	
Perforations	5.00			3972.00	
Bullnose	3.00			3975.00	78.00 Bottom Packers & Anchor
Total Tool Length:		99.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26268

DST#: 2

ATTN: Ron Nelson

Test Start: 2006.10.10 @ 13:40:32

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Drilling Mud	0.039

Total Length: 8.00 ft

Total Volume: 0.039 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

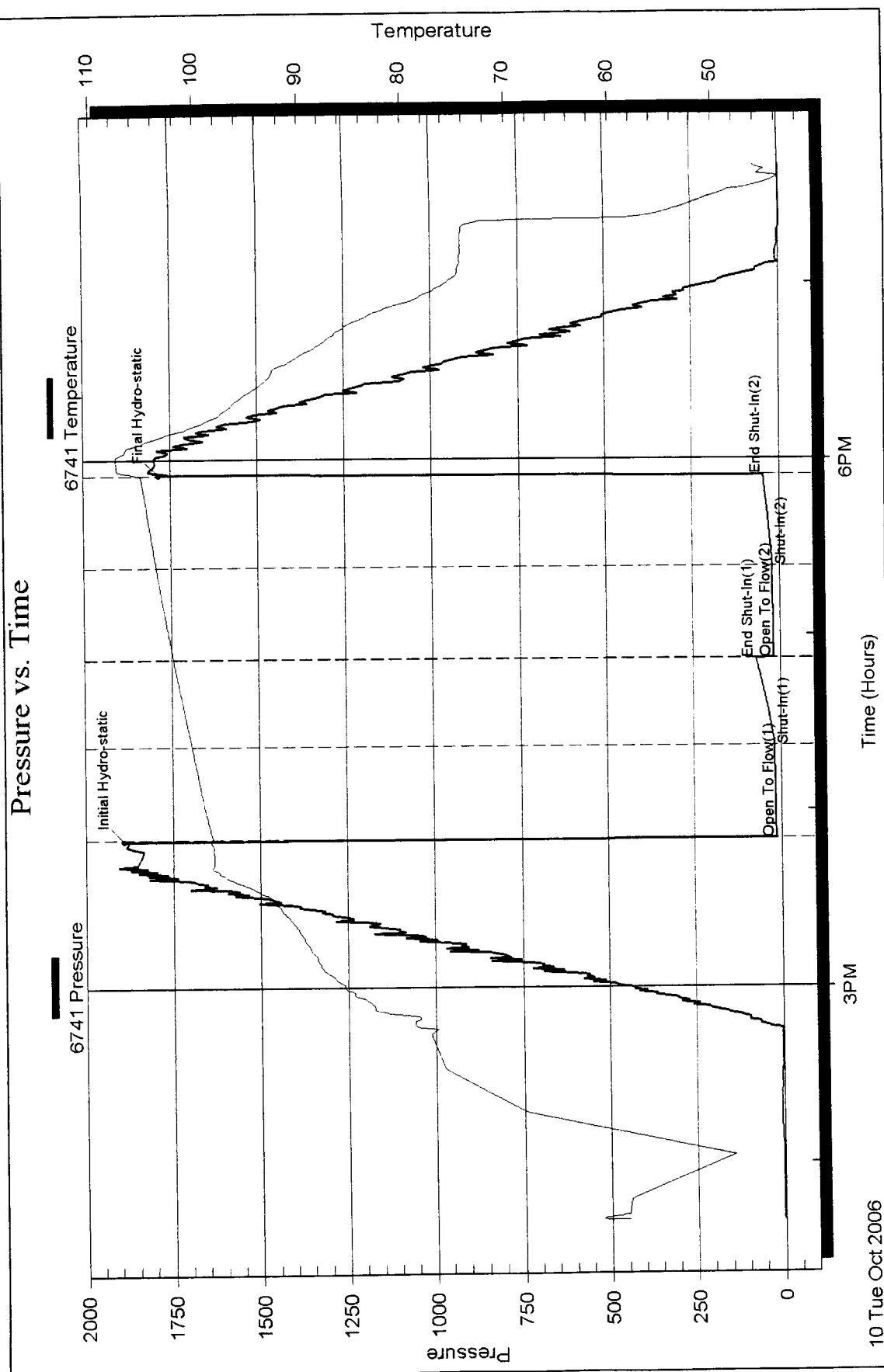
Serial #:

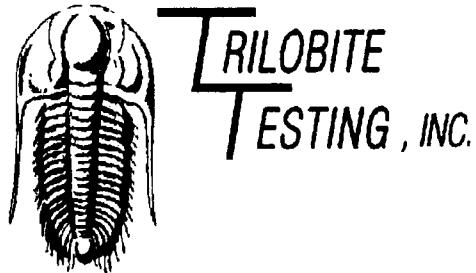
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

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

ATTN: Ron Nelson

35 13 22 Trego KS

Amrein Fabrizius 1-35

Start Date: 2006.10.11 @ 16:00:21

End Date: 2006.10.11 @ 21:55:21

Job Ticket #: 26269 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

Dow ning-Nelson Oil Co

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26269

DST#: 3

ATTN: Ron Nelson

Test Start: 2006.10.11 @ 16:00:21

GENERAL INFORMATION:

Formation: **Sand**

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

Time Tool Opened: 18:04:11

Time Test Ended: 21:55:21

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: 4148.00 ft (KB) To 4233.00 ft (KB) (TVD)

Total Depth: **4233.00 ft (KB) (TVD)**

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

Reference Elevations: **2392.00 ft (KB)**

2384.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **34.86 psig @ 4151.00 ft (KB)**

Start Date: **2006.10.11**

End Date:

2006.10.11

Capacity: **7000.00 psig**

Last Calib.: **2006.10.11**

Start Time: **16:00:23**

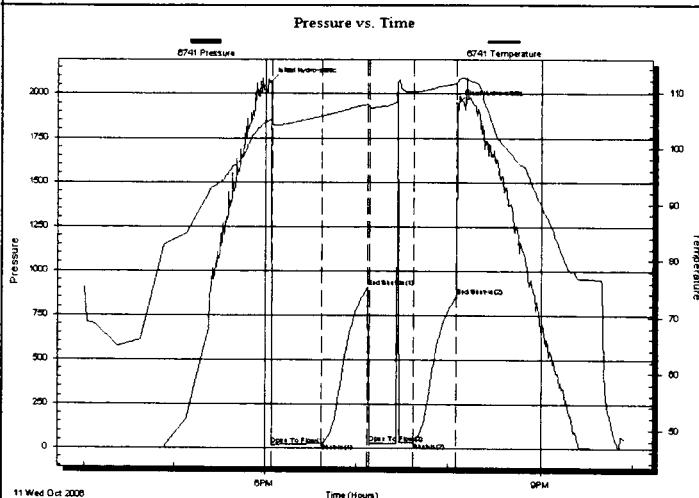
End Time:

21:55:21

Time On Btm: **2006.10.11 @ 18:04:01**

Time Off Btm: **2006.10.11 @ 20:05:21**

TEST COMMENT: IF Weak steady surface blow
FF Weak steady surface blow
Times 30 30 30 30



PRESSURE SUMMARY

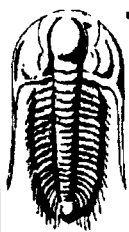
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2065.60	105.09	Initial Hydro-static
1	14.43	104.44	Open To Flow (1)
33	25.69	105.68	Shut-In (1)
64	906.98	107.87	End Shut-In (1)
65	25.85	107.26	Open To Flow (2)
94	34.86	110.02	Shut-In (2)
122	856.67	111.50	End Shut-In (2)
122	1944.08	111.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM	0.07
15.00	CO	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

Amrein Fabrizio 1-35

35 13 22 Trego KS

Job Ticket: 26269

DST#: 3

ATTN: Ron Nelson

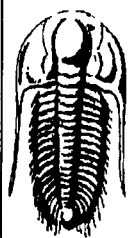
Test Start: 2006.10.11 @ 16:00:21

Tool Information

Drill Pipe:	Length: 4105.00 ft	Diameter: 3.80 inches	Volume: 57.58 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	45000.00 lb
			Total Volume: 57.73 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	39000.00 lb
Depth to Top Packer:	4148.00 ft			Final	39000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	85.00 ft				
Tool Length:	106.00 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			4128.00	
Shut In Tool	5.00			4133.00	
Hydraulic tool	5.00			4138.00	
Packer	5.00			4143.00	21.00 Bottom Of Top Packer
Packer	5.00			4148.00	
Stubb	1.00			4149.00	
Perforations	1.00			4150.00	
Change Over Sub	1.00			4151.00	
Recorder	0.00	6741	Inside	4151.00	
Drill Pipe	62.00			4213.00	
Change Over Sub	1.00			4214.00	
Recorder	0.00	13254	Outside	4214.00	
Perforations	16.00			4230.00	
Bullnose	3.00			4233.00	85.00 Bottom Packers & Anchor

Total Tool Length: 106.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co

Amrein Fabrizio 1-35

35 13 22 Trego KS

Job Ticket: 26269

DST#: 3

ATTN: Ron Nelson

Test Start: 2006.10.11 @ 16:00:21

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM	0.074
15.00	CO	0.074

Total Length: 30.00 ft

Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

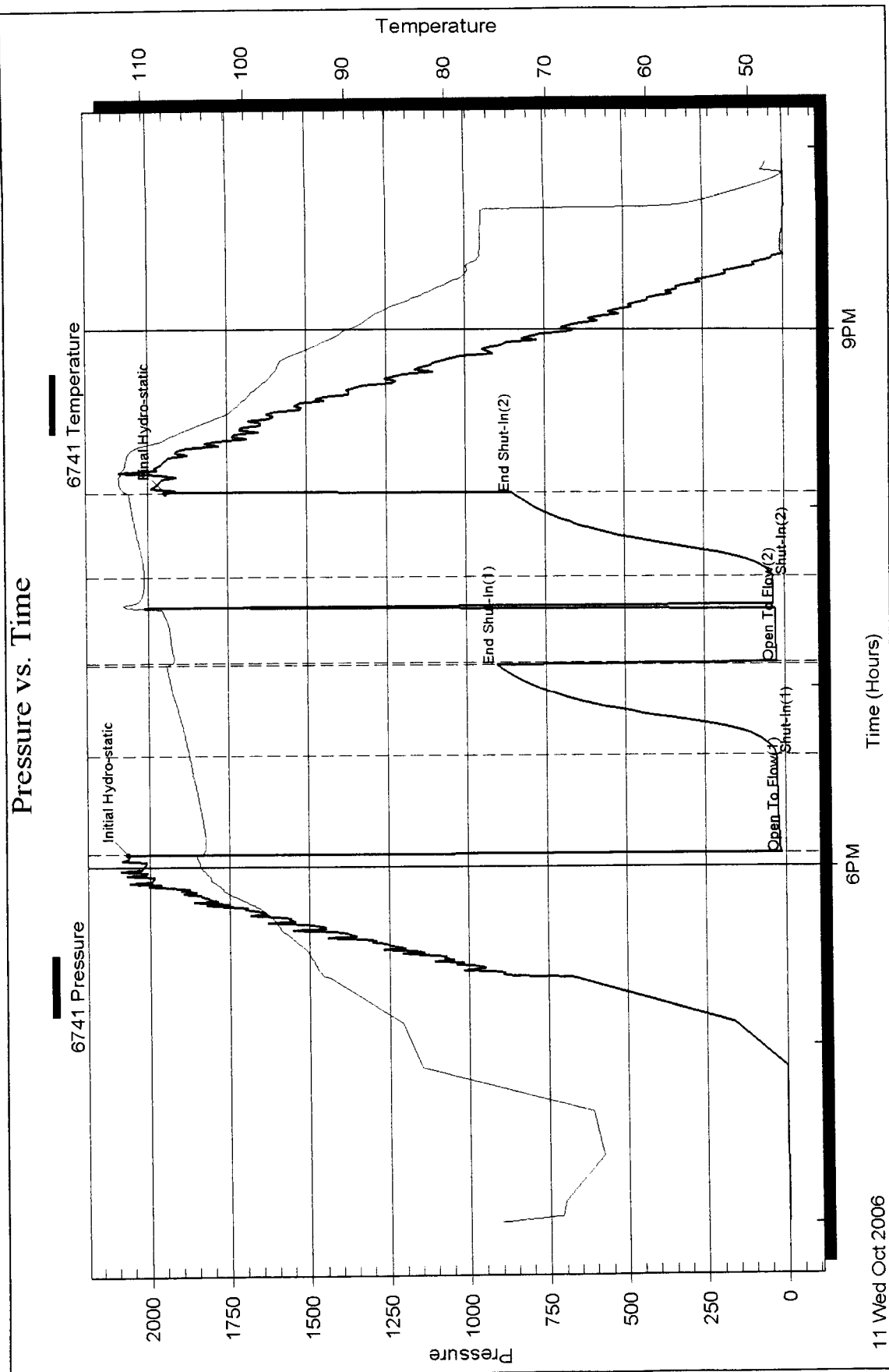
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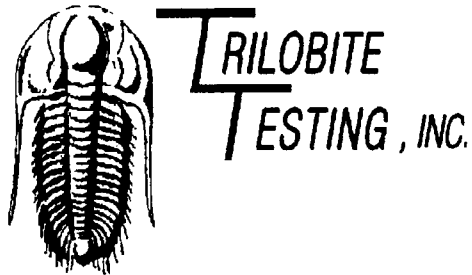
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

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

ATTN: Ron Nelson

35 13 22 Trego KS

Amrein Fabrizzius 1-35

Start Date: 2006.10.12 @ 12:43:45

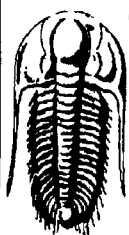
End Date: 2006.10.12 @ 19:40:45

Job Ticket #: 26270 DST #: 4

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

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26270

DST#: 4

ATTN: Ron Nelson

Test Start: 2006.10.12 @ 12:43:45

GENERAL INFORMATION:

Formation: **Sd**

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

Time Tool Opened: 14:31:25

Time Test Ended: 19:40:45

Test Type: **Conventional Straddle**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **4160.00 ft (KB) To 4248.00 ft (KB) (TVD)**

Total Depth: **4357.00 ft (KB) (TVD)**

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

Reference Elevations: **2392.00 ft (KB)**

2384.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **95.52 psig @ 4163.00 ft (KB)**

Start Date: **2006.10.12**

End Date:

2006.10.12

Start Time: **12:43:47**

End Time:

19:40:45

Capacity: **7000.00 psig**

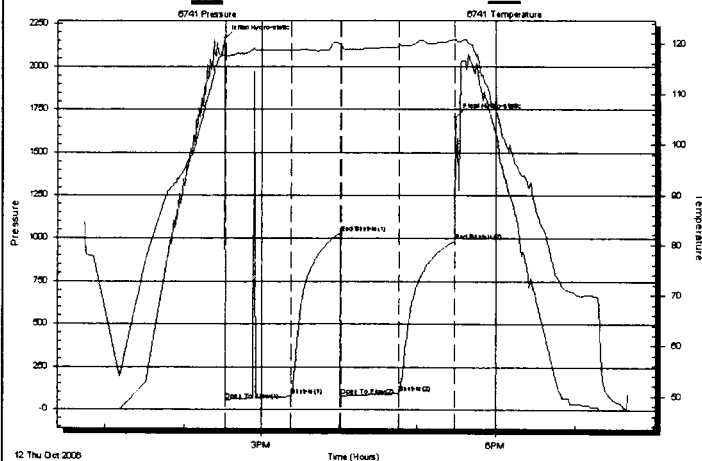
Last Calib.: **2006.10.12**

Time On Btm: **2006.10.12 @ 14:31:05**

Time Off Btm: **2006.10.12 @ 17:29:30**

TEST COMMENT: IF Weak building to 1 "
FF Weak building to 1/4 "
Times 45 45 45 45

Pressure vs Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.40	117.80	Initial Hydro-static
1	50.66	117.33	Open To Flow (1)
52	77.00	118.54	Shut-In(1)
90	1027.02	119.94	End Shut-In(1)
91	80.60	119.66	Open To Flow (2)
136	95.52	119.39	Shut-In(2)
179	983.95	120.66	End Shut-In(2)
179	1705.48	120.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM 30%O 70%M	0.99

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

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26270

DST#: 4

ATTN: Ron Nelson

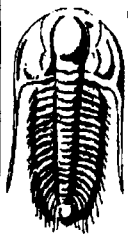
Test Start: 2006.10.12 @ 12:43:45

Tool Information

Drill Pipe:	Length: 4136.00 ft	Diameter: 3.80 inches	Volume: 58.02 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 58.17 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4160.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	4248.00 ft			
Interval between Packers:	88.00 ft			
Tool Length:	218.00 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			4140.00	
Shut In Tool	5.00			4145.00	
Hydraulic tool	5.00			4150.00	
Packer	5.00			4155.00	21.00 Bottom Of Top Packer
Packer	5.00			4160.00	
Stubb	1.00			4161.00	
Perforations	1.00			4162.00	
Change Over Sub	1.00			4163.00	
Recorder	0.00	6741	Inside	4163.00	
Drill Pipe	62.00			4225.00	
Change Over Sub	1.00			4226.00	
Recorder	0.00	13254	Outside	4226.00	
Perforations	18.00			4244.00	
Blank Spacing	3.00			4247.00	
Blank Off Sub	1.00			4248.00	88.00 Tool Interval
Packer	2.00			4250.00	
Stubb	1.00			4251.00	
Recorder	0.00	13248	Outside	4251.00	
Drill Pipe	106.00			4357.00	109.00 Bottom Packers & Anchor

Total Tool Length: 218.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co

Amrein Fabrizius 1-35

35 13 22 Trego KS

Job Ticket: 26270

DST#: 4

ATTN: Ron Nelson

Test Start: 2006.10.12 @ 12:43:45

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	OCM 30%O 70%M	0.989

Total Length: 90.00 ft

Total Volume: 0.989 bbl

Num Fluid Samples: 0

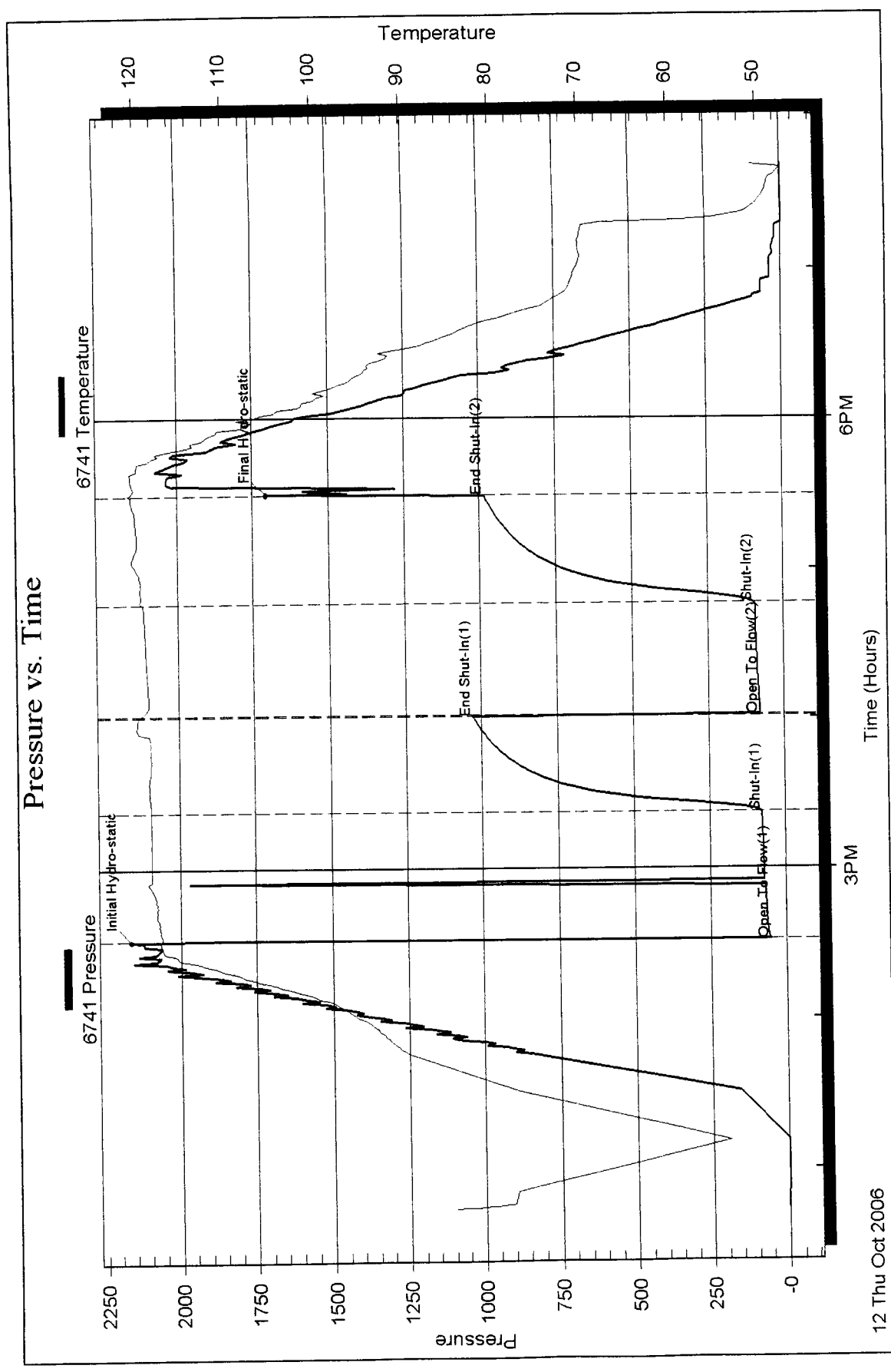
Num Gas Bombs: 0

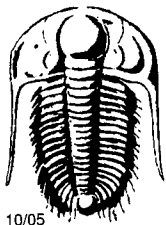
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

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26267

9377

Test Ticket

Well Name & No. Amrein-Fabrizius Unit 1-35 Test No. 1 Date 10-9-06
 Company DNOC Zone Tested LKC-CDE&F
 Address _____ Elevation _____ KB _____ GL _____
 Co. Rep / Geo. Ron Nelson 785628-3449 Rig Discovery 3
 Location: Sec. 35 Twp. 13 Rge. 22 Co. Trego State KS
 Comment: _____ Release date / time: _____

Interval Tested 3798-3868 Initial Str Wt./Lbs. 38000 Unseated Str Wt./Lbs. 40000
 Anchor Length 70 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3793 Tool Weight 2000
 Bottom Packer Depth 3798 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3868 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 8.8 LCM 2# Vis. 65 WL 8.8 Drill Pipe Size 4 1/2 Ft. Run 3767

Blow Description IF - Bot B 18m
ISI - No Blow
FF - Bot B 20m
FST - Weak Surface Blow

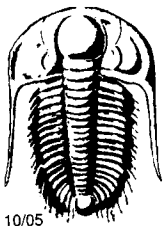
Recovery - Total Feet 275 GIP 300 Ft. in DC _____ Ft. in DP _____
 Rec. 90 Feet of clean oil %gas 100 %oil _____ %water _____ %mud _____
 Rec. 125 Feet of M90 %gas 50 %oil _____ %water 50 %mud _____
 Rec. 60 Feet of M9W %gas _____ %oil 50 %water 50 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 112 °F Gravity 26 °API D @ 50 °F Corrected Gravity 27 °API
 RW 17 @ 48 °F Chlorides 65000 ppm Recovery _____ Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1834	PSI	Recorder No.	6741	Test	Ran	1106
(B) First Initial Flow Pressure			19	PSI	(depth)	3802	Jars		
(C) First Final Flow Pressure			87	PSI	Recorder No.	13254	Safety Jt.		
(D) Initial Shut-In Pressure			957	PSI	(depth)	3867	Circ Sub		
(E) Second Initial Flow Pressure			92	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure			136	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure			939	PSI	Initial Opening	845	Ext. Packer		
(Q) Final Hydrostatic Mud			1774	PSI	Initial Shut-In	45	Shale Packer		
					Final Flow	45	Ruined Packer		
					Final Shut-In	45	Mileage	70 RT 87.5	

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 Michael Ambriester

T-On Location 21:00 Sub Total: _____
 T-Started 21:44 Std. By \$1187.50
 T-Open 23:40 Acc. Chg: _____
 T-Pulled 2:40 Other: _____
 T-Out 4:30 Total: _____



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26268

Test Ticket

Well Name & No. Amrein Fabrizio Unit 1-35 Test No. 2 Date 10-10-06
 Company DNOC Zone Tested LKC J
 Address _____ Elevation 2392 KB 2384 GL
 Co. Rep / Geo. Ron Nelson Rig Discovery 3
 Location: Sec. 35 Twp. 13 Rge. 22 Co. Trego State KS
 Comment: _____ Release date / time: _____

Interval Tested 3897-3975 Initial Str Wt./Lbs. 36000 Unseated Str Wt./Lbs. 3000
 Anchor Length 78 Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 50000
 Top Packer Depth 3892 Tool Weight 2000
 Bottom Packer Depth 3897 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3975 Wt. Pipe Run _____ Drill Collar Run 20
 Mud Wt. 8.9 LCM 1/4 Vis. 60 WL 8.8 Drill Pipe Size 4 1/2 Ft. Run 3856
 Blow Description IF - Weak surface Blow
ISI - No Blow
FF - Weak surface Blow
FST - No Blow

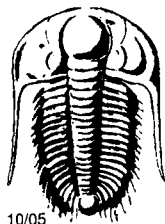
Recovery - Total Feet 8 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. _____ Feet of Oil spotted Drilling mud %gas _____ %oil _____ %water 99 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 105 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1889	PSI	Recorder No.	<u>6741</u>	Test <u>Ron</u>	<u>1100</u>
(B) First Initial Flow Pressure			<u>14</u>	PSI	(depth)	<u>3899</u>	Jars	
(C) First Final Flow Pressure			<u>18</u>	PSI	Recorder No.	<u>13254</u>	Safety Jt.	
(D) Initial Shut-In Pressure			<u>70</u>	PSI	(depth)	<u>3979</u>	Circ Sub	
(E) Second Initial Flow Pressure			<u>19</u>	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			<u>20</u>	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			<u>45</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer	
(Q) Final Hydrostatic Mud			<u>1781</u>	PSI	Initial Shut-In	<u>30</u>	Shale Packer	
					Final Flow	<u>30</u>	Ruined Packer	
					Final Shut-In	<u>30</u>	Mileage	<u>70 RT 875</u>
					T-On Location	<u>13:30</u>	Sub Total:	
					T-Started		Std. By	
					T-Open	<u>16:10</u>	Acc. Chg:	<u>1187.50</u>
					T-Pulled	<u>18:10</u>	Other:	
					T-Out	<u>19:45</u>	Total:	

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Approved By _____

Our Representative Michael Ambroster



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26269

10/05

Test Ticket

Well Name & No. <u>Amrein Fabrizio's Unit 1-35</u>	Test No. <u>3</u>	Date <u>10-11-06</u>
Company <u>DNOC</u>	Zone Tested <u>SD</u>	
Address _____	Elevation <u>2392</u> KB <u>2384</u>	GL _____
Co. Rep / Geo. <u>Ron Nelson</u>	Rig <u>Discovery #3</u>	
Location: Sec. <u>35</u> Twp. <u>13</u> Rge. <u>12</u>	Co. <u>Trego</u>	State <u>Ks</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>4148 ————— 4233</u>	Initial Str Wt./Lbs. <u>39,000</u>	Unseated Str Wt./Lbs. <u>39,000</u>
Anchor Length <u>85</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>45,000</u>
Top Packer Depth <u>4143</u>	Tool Weight <u>2000</u>	
Bottom Packer Depth <u>4148</u>	Hole Size 7 7/8"	Rubber Size 6 3/4"
Total Depth <u>4233</u>	Wt. Pipe Run _____	Drill Collar Run <u>30</u>
Mud Wt. <u>9</u> LCM _____ Vis. <u>51</u> WL <u>8.8</u>	Drill Pipe Size <u>4.5 XH</u>	Ft. Run <u>4105</u>
Blow Description <u>I.F. Weak steady surface blow</u>		

F.F. Weak steady surface blow

Recovery - Total Feet <u>30</u>	GIP _____	Ft. in DC <u>30</u>	Ft. in DP _____
Rec. <u>15</u> Feet of <u>CO</u>	%gas _____ %oil _____ %water _____ %mud _____		
Rec. <u>15</u> Feet of <u>CCM</u>	%gas <u>20</u> %oil _____ %water <u>80</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>111</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>4500</u> ppm System			

(A) Initial Hydrostatic Mud <u>2112</u> PSI	Recorder No. <u>6741</u>	Test <u>1100</u>
(B) First Initial Flow Pressure <u>14</u> PSI	(depth) <u>4151</u>	Jars _____
(C) First Final Flow Pressure <u>25</u> PSI	Recorder No. <u>13254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure <u>906</u> PSI	(depth) <u>4214</u>	Circ Sub _____
(E) Second Initial Flow Pressure <u>25</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure <u>34</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure <u>856</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud <u>1989</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
	Final Flow <u>30</u>	Ruined Packer _____
	Final Shut-In <u>30</u>	Mileage <u>70 RT 87.50</u>
	T-On Location <u>15:45</u>	Sub Total: _____
	T-Started <u>16:00</u>	Std. By _____
	T-Open <u>18:05</u>	Acc. Chg: <u>91187.50</u>
	T-Pulled <u>20:05</u>	Other: _____
	T-Out <u>21:55</u>	Total: _____

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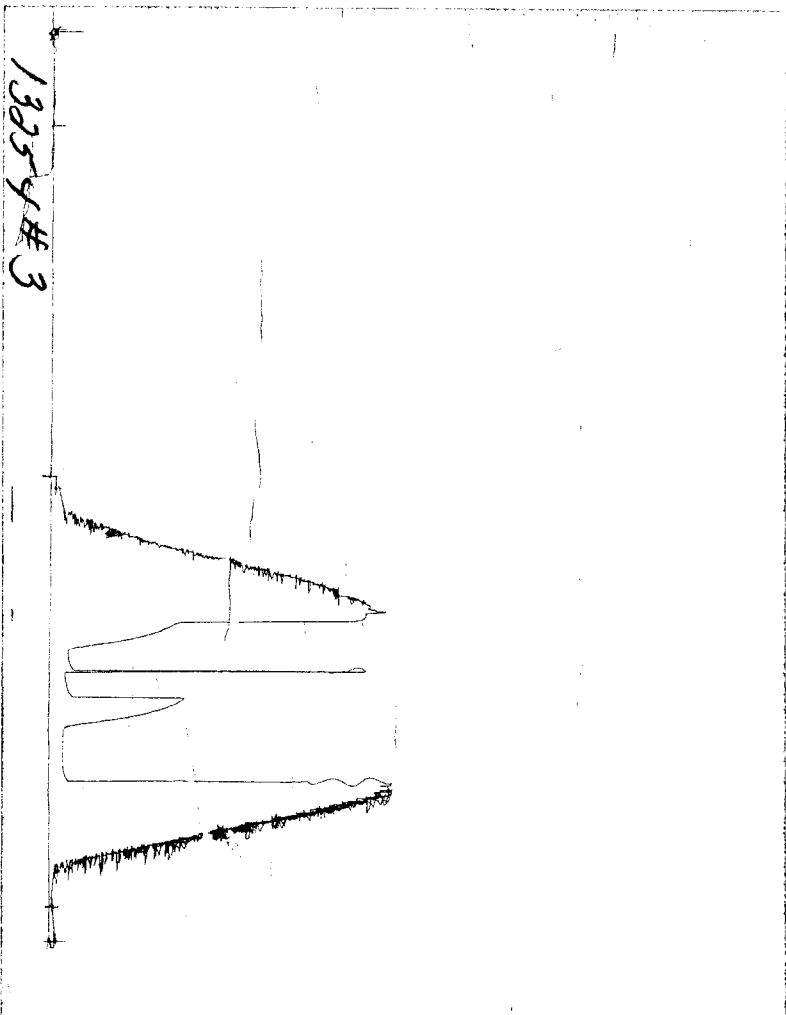
Approved By _____

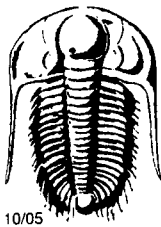
Our Representative

Dan Kangle

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26270

Test Ticket

Well Name & No. Amrein Fabricius Unit 1-35 Test No. 4 Date 10-12-06
 Company DNOc Zone Tested 5d
 Address _____ Elevation 2392 KB 2384 GL
 Co. Rep / Geo. Ron Nelson Rig Discovery #3
 Location: Sec. 35 Twp. 13 Rge. 22 Co. Trego State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4160 ————— 4248 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 40,000
 Anchor Length 88 Wt. Set Lbs. 10,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 4160 Tool Weight 2000
 Bottom Packer Depth 4248 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4357 Wt. Pipe Run _____ Drill Collar Run 5030
 Mud Wt. 9 LCM _____ Vis. 51 WL 8.8 Drill Pipe Size 4.5 XH Ft. Run 4136
 Blow Description I.F. Weak building to 1"

F.F. Weak-building to 4"

Recovery - Total Feet 90 GIP _____ Ft. in DC 30 Ft. in DP 60
 Rec. 90 Feet of OCM %gas 30 %oil _____ %water 70 %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 120 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud	<u>2163</u> PSI	Recorder No.	<u>6741</u>	Test	<u>1100</u>
(B) First Initial Flow Pressure	<u>50</u> PSI	(depth)	<u>4163</u>	Jars	_____
(C) First Final Flow Pressure	<u>77</u> PSI	Recorder No.	<u>13254</u>	Safety Jt.	_____
(D) Initial Shut-In Pressure	<u>1027</u> PSI	(depth)	<u>4226</u>	Circ Sub	_____
(E) Second Initial Flow Pressure	<u>80</u> PSI	Recorder No.	<u>13248</u>	Sampler	_____
(F) Second Final Flow Pressure	<u>95</u> PSI	(depth)	<u>4249</u>	Straddle <u>X</u>	<u>600</u>
(G) Final Shut-In Pressure	<u>983</u> PSI	Initial Opening	<u>45</u>	Ext. Packer <u>X</u>	_____
(Q) Final Hydrostatic Mud	<u>2016</u> PSI	Initial Shut-In	<u>45</u>	Shale Packer	_____
		Final Flow	<u>45</u>	Ruined Packer <u>X</u>	<u>200</u>
		Final Shut-In	<u>45</u>	Mileage <u>20 RT</u>	<u>87.50</u>
		T-On Location	<u>11:30</u>	Sub Total:	_____
		T-Started	<u>12:43</u>	Std. By	_____
		T-Open	<u>14:30</u>	Acc. Chg:	<u>1987.50</u>
		T-Pulled	<u>17:30</u>	Other:	_____
		T-Out	<u>19:40</u>	Total:	_____

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Approved By _____

Our Representative Dan Bangle

CHART PAGE

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

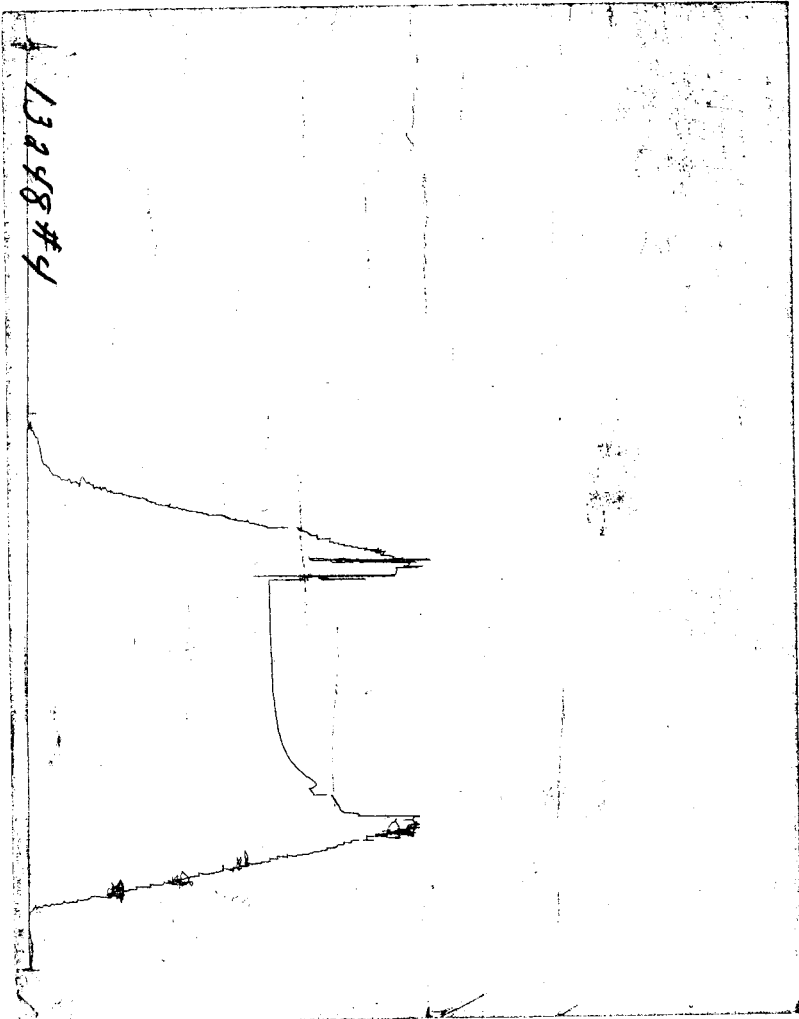


CHART PAGE

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

