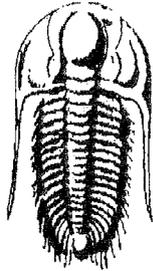


15-065-23531

26-9s-24w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ron's Oil**

1889 200th Ave.
Penokee, Ks
67659

ATTN: Rich Bell

26 9s 24w Graham KS

D. Nickelson #26-1

Start Date: 2009.02.14 @ 00:49:35

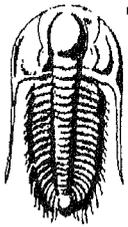
End Date: 2009.02.14 @ 08:50:05

Job Ticket #: 35163 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ron's Oil
1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

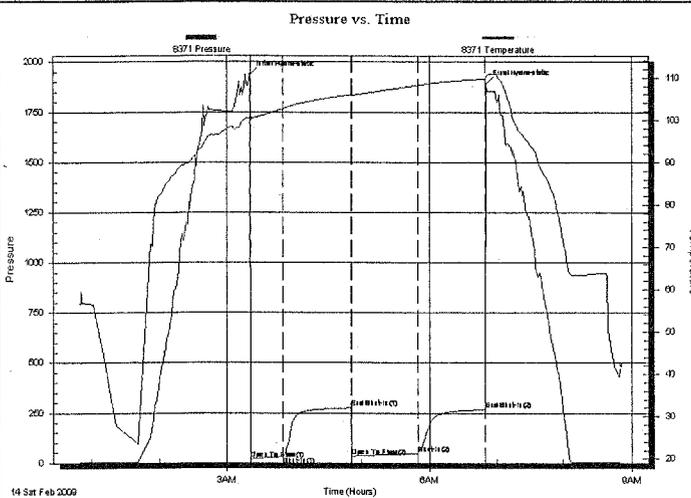
D. Nickelson #26-1
26 9s 24w Graham KS
Job Ticket: 35163 **DST#: 1**
Test Start: 2009.02.14 @ 00:49:35

GENERAL INFORMATION:

Formation: **LKC "B-C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:21:05
Time Test Ended: 08:50:05
Interval: **3882.00 ft (KB) To 3920.00 ft (KB) (TVD)**
Total Depth: 3920.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2518.00 ft (KB)
2513.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8371 Inside
Press@RunDepth: 48.17 psig @ 3885.00 ft (KB)
Start Date: 2009.02.14 End Date: 2009.02.14
Start Time: 00:49:40 End Time: 08:50:04
Capacity: 7000.00 psig
Last Calib.: 2009.02.14
Time On Btm: 2009.02.14 @ 03:20:35
Time Off Btm: 2009.02.14 @ 06:51:04

TEST COMMENT: IFP - weak to fair blow 1/2" - 4 1/2"
ISI - no blow back
FFP - weak to fair blow sur - 4"
FSI - no blow back



PRESSURE SUMMARY

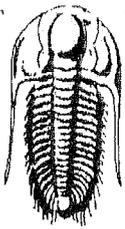
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1936.34	100.56	Initial Hydro-static
1	18.63	99.79	Open To Flow (1)
30	31.48	102.66	Shut-In(1)
90	275.16	105.97	End Shut-In(1)
91	33.17	105.81	Open To Flow (2)
149	48.17	108.19	Shut-In(2)
210	267.56	109.72	End Shut-In(2)
211	1893.12	110.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mud 100%	0.87
3.00	free oil 95%O, 5%M	0.04

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ron's Oil
1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

D. Nickelson #26-1
26 9s 24w Graham KS
Job Ticket: 35163 DST#: 1
Test Start: 2009.02.14 @ 00:49:35

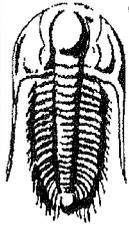
Tool Information

Drill Pipe:	Length: 3867.00 ft	Diameter: 3.80 inches	Volume: 54.24 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: 54.24 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3882.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Tool slid 3' to bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3867.00	
Hydraulic tool	5.00			3872.00	
Packer	5.00			3877.00	20.00 Bottom Of Top Packer
Packer	5.00			3882.00	
Stubb	1.00			3883.00	
Perforations	1.00			3884.00	
Change Over Sub	1.00			3885.00	
Recorder	0.00	8018	Inside	3885.00	
Recorder	0.00	8371	Inside	3885.00	
Blank Spacing	31.00			3916.00	
Change Over Sub	1.00			3917.00	
Bullnose	3.00			3920.00	38.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ron's Oil

D. Nickelson #26-1

1889 200th Ave.

26 9s 24w Graham KS

Penokee, Ks

Job Ticket: 35163

DST#: 1

67659

Test Start: 2009.02.14 @ 00:49:35

ATTN: Rich Bell

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud 100%	0.870
3.00	free oil 95%O, 5%M	0.042

Total Length: 65.00 ft

Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

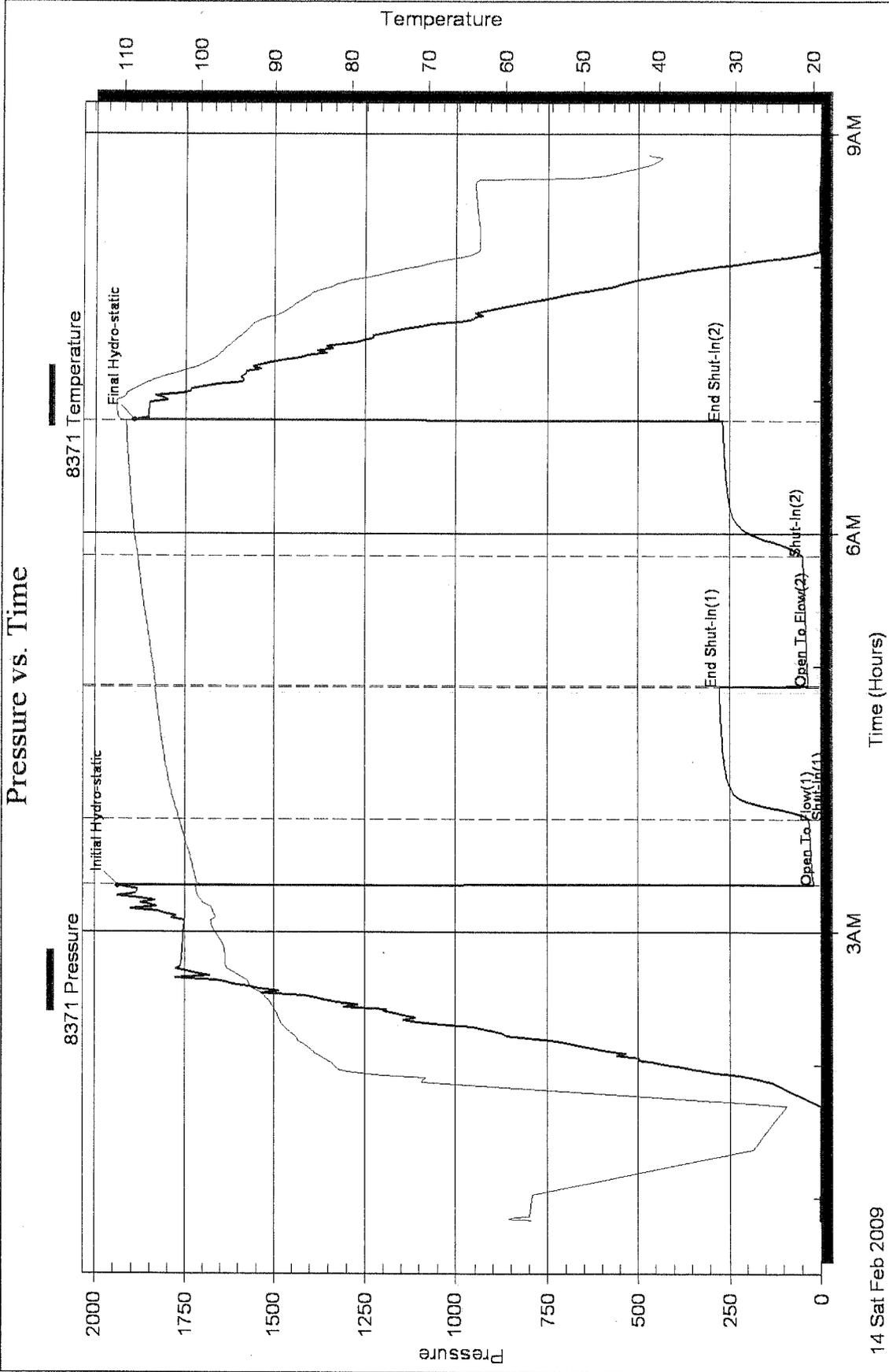
Serial #:

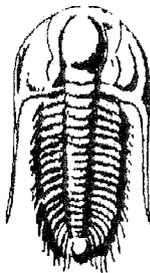
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ron's Oil**

1889 200th Ave.
Penokee, Ks
67659

ATTN: Rich Bell

26 9s 24w Graham KS

D. Nickelson #26-1

Start Date: 2009.02.14 @ 15:54:49

End Date: 2009.02.14 @ 23:09:43

Job Ticket #: 35164 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Ron's Oil

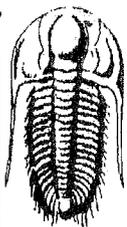
D. Nickelson #26-1

26 9s 24w Graham KS

DST # 2

LKC "E-F"

2009.02.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ron's Oil
1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

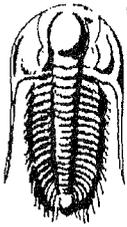
D. Nickelson #26-1
26 9s 24w Graham KS
Job Ticket: 35164 **DST#: 2**
Test Start: 2009.02.14 @ 15:54:49

Tool Information

Drill Pipe:	Length: 3925.00 ft	Diameter: 3.80 inches	Volume: 55.06 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: 58000.00 lb
		Total Volume: 55.06 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3920.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3905.00	
Hydraulic tool	5.00			3910.00	
Packer	5.00			3915.00	20.00 Bottom Of Top Packer
Packer	5.00			3920.00	
Stubb	1.00			3921.00	
Perforations	4.00			3925.00	
Recorder	0.00	8018	Inside	3925.00	
Recorder	0.00	8371	Inside	3925.00	
Perforations	20.00			3945.00	
Bullnose	3.00			3948.00	28.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ron's Oil
1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

D. Nickelson #26-1
26 9s 24w Graham KS
Job Ticket: 35164 DST#: 2
Test Start: 2009.02.14 @ 15:54:49

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:	120000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.74 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
314.00	MW 60%W, 40%M	4.405
120.00	WM 40%W, 60%M	1.683
1.00	TSTM OCMW	0.014
0.00	60' GIP	0.000

Total Length: 435.00ft Total Volume: 6.102 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .253 @ 20F

Serial #: 8371

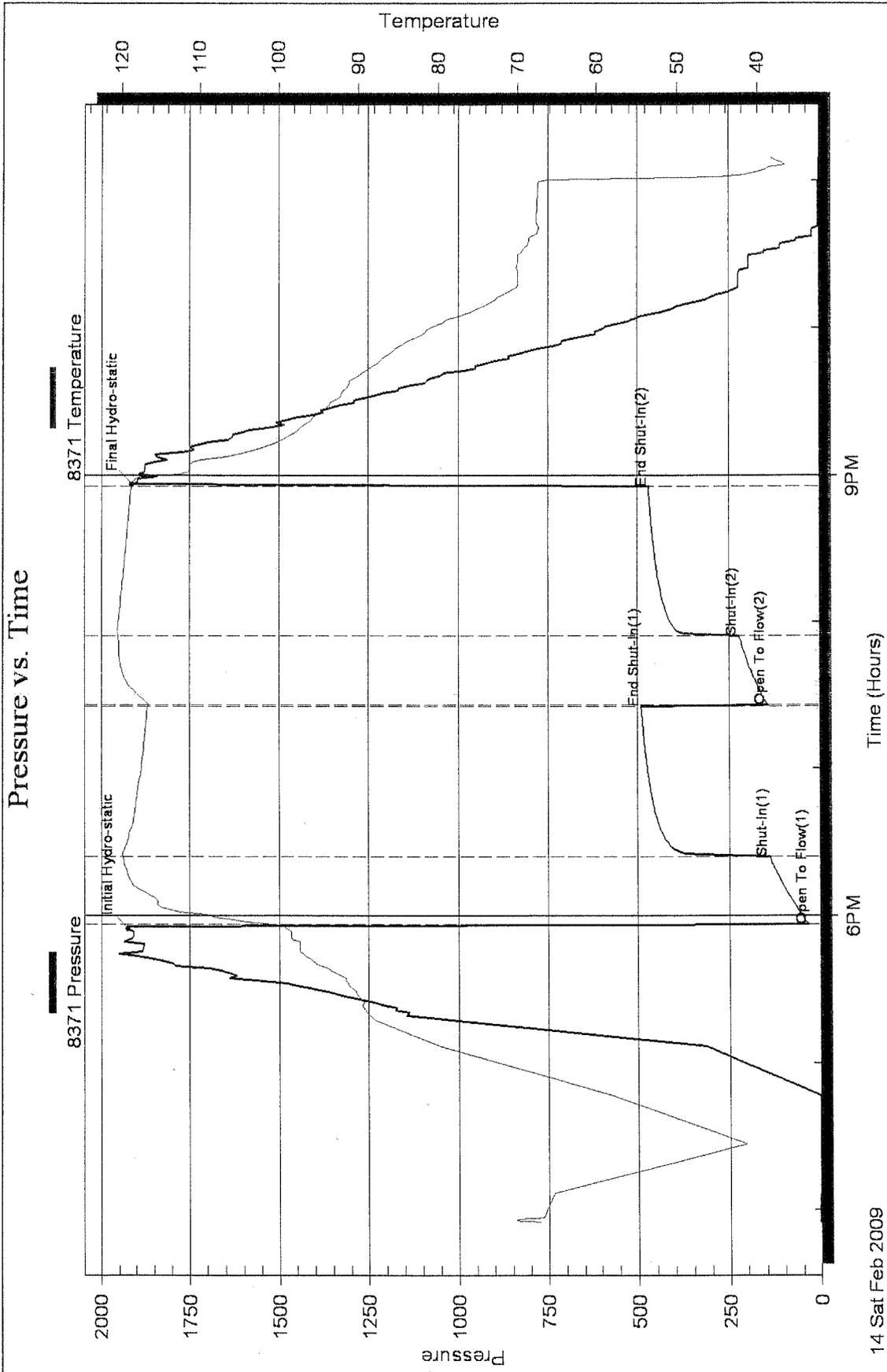
Inside

Ron's Oil

26 9s 24w Graham KS

DST Test Number: 2

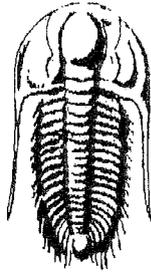
Pressure vs. Time



14 Sat Feb 2009

6PM

9PM



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ron's Oil**

1889 200th Ave.
Penokee, Ks
67659

ATTN: Rich Bell

26 9s 24w Graham KS

D. Nickelson #26-1

Start Date: 2009.02.15 @ 12:49:13

End Date: 2009.02.15 @ 18:25:43

Job Ticket #: 35165 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Ron's Oil

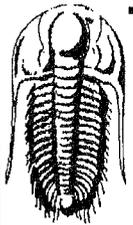
D. Nickelson #26-1

26 9s 24w Graham KS

DST # 3

LKC "H,I,J"

2009.02.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ron's Oil
1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

D. Nickelson #26-1
26 9s 24w Graham KS
Job Ticket: 35165 DST#: 3
Test Start: 2009.02.15 @ 12:49:13

GENERAL INFORMATION:

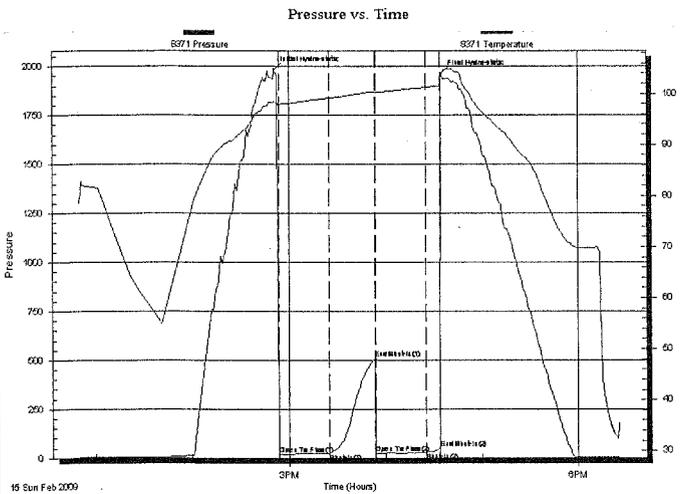
Formation: **LKC "H,I,J"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 14:53:43
 Tester: Brett Dickinson
 Time Test Ended: 18:25:43
 Unit No: 41
 Interval: **3976.00 ft (KB) To 4043.00 ft (KB) (TVD)**
 Reference Elevations: 2518.00 ft (KB)
 Total Depth: 4043.00 ft (KB) (TVD)
 2513.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: KB to GR/CF: 5.00 ft

Serial #: 8371

Inside

Press@RunDepth: 26.92 psig @ 4007.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2009.02.15 End Date: 2009.02.15 Last Calib.: 2009.02.15
 Start Time: 12:49:18 End Time: 18:25:42 Time On Btm: 2009.02.15 @ 14:51:13
 Time Off Btm: 2009.02.15 @ 16:34:43

TEST COMMENT: IF- .75in blow
 IS- No blow
 FF- no blow
 FSI- no blow



PRESSURE SUMMARY

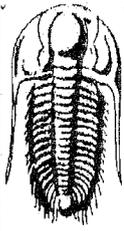
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.98	98.34	Initial Hydro-static
3	19.42	97.67	Open To Flow (1)
34	23.82	99.12	Shut-In(1)
62	508.68	100.37	End Shut-In(1)
63	24.19	100.16	Open To Flow (2)
94	26.92	101.21	Shut-In(2)
103	46.13	101.51	End Shut-In(2)
104	1962.44	103.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil Scum Mud	0.21

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ron's Oil
1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

D. Nickelson #26-1
26 9s 24w Graham KS
Job Ticket: 35165 **DST#: 3**
Test Start: 2009.02.15 @ 12:49:13

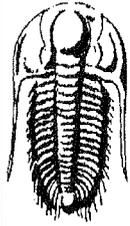
Tool Information

Drill Pipe:	Length: 3986.00 ft	Diameter: 3.80 inches	Volume: 55.91 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
			<u>Total Volume: 55.91 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3976.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3961.00	
Hydraulic tool	5.00			3966.00	
Packer	5.00			3971.00	20.00 Bottom Of Top Packer
Packer	5.00			3976.00	
Stubb	1.00			3977.00	
Perforations	29.00			4006.00	
Change Over Sub	1.00			4007.00	
Recorder	0.00	8018	Inside	4007.00	
Recorder	0.00	8371	Inside	4007.00	
Blank Spacing	32.00			4039.00	
Change Over Sub	1.00			4040.00	
Bullnose	3.00			4043.00	67.00 Bottom Packers & Anchor

Total Tool Length: 87.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ron's Oil

D. Nickelson #26-1

1889 200th Ave.
Penokee, Ks
67659
ATTN: Rich Bell

26 9s 24w Graham KS

Job Ticket: 35165

DST#: 3

Test Start: 2009.02.15 @ 12:49:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	Oil Scum Mud	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8371

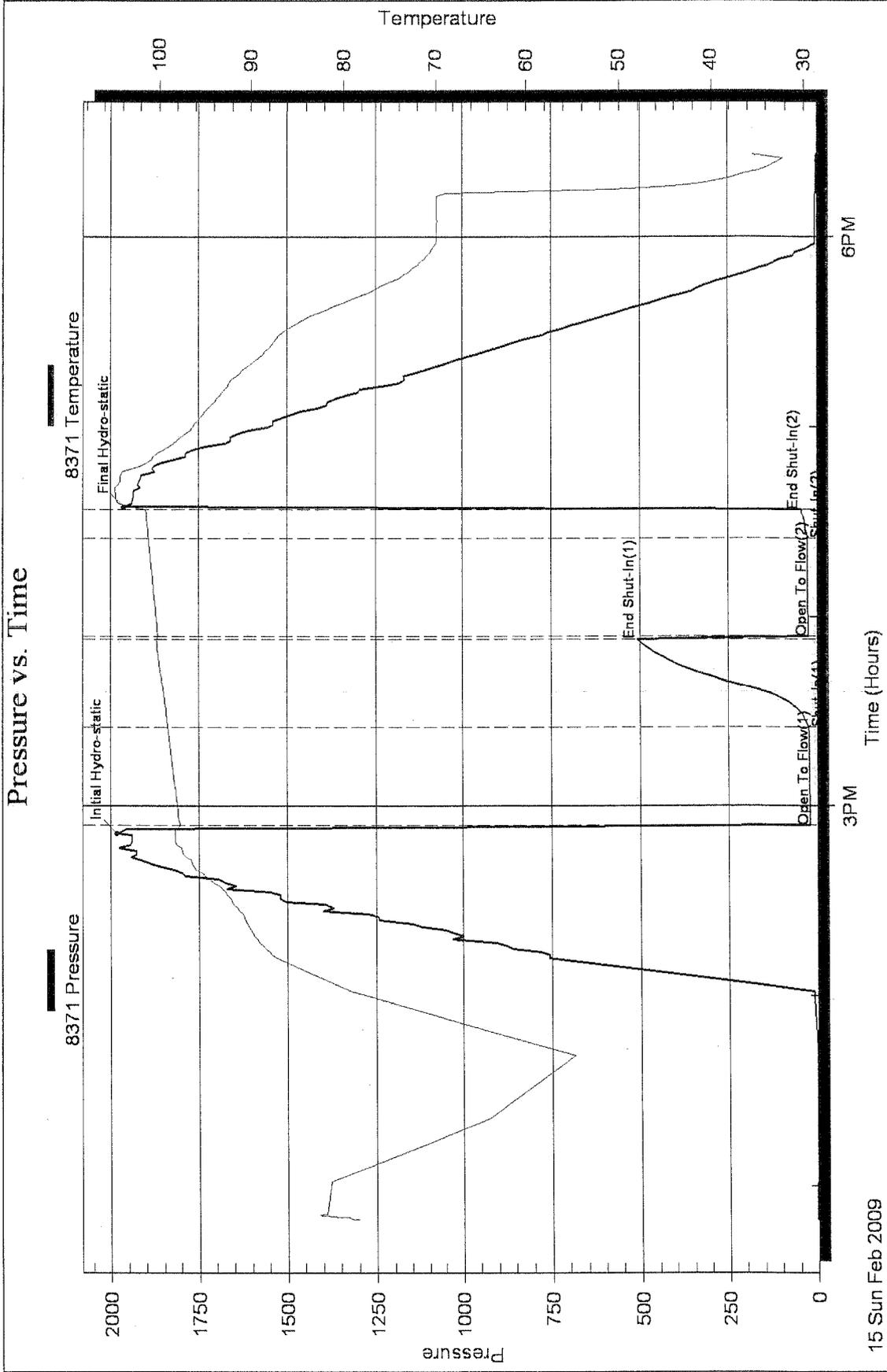
Inside

Ron's Oil

26 9s 24w Graham KS

DST Test Number: 3

Pressure vs. Time



15 Sun Feb 2009