

DRILL STEM TEST REPORT

Prepared For: **McGinness Oil Co. of Kansas**

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206

ATTN: Ken LeBlanc

8-27s-11w

Wayne Williams #2

Start Date: 2005.06.09 @ 08:39:10

End Date: 2005.06.09 @ 20:12:10

Job Ticket #: 20753 DST #: 1

API 15-151-22219-00-00

RECEIVED

NOV 15 2005

KCC WICHITA

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McGinness Oil Co. of Kansas

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206
ATTN: Ken LeBlanc

Wayne Williams #2

8-27s-11w

Job Ticket: 20753

DST#: 1

Test Start: 2005.06.09 @ 08:39:10

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:39:25

Time Test Ended: 20:12:10

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 19

Interval: **3900.00 ft (KB) To 3930.00 ft (KB) (TVD)**

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3930.00 ft (KB) (TVD)

1813.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6667

Inside

Press@RunDepth: 447.62 psig @ 3901.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.06.09

End Date:

2005.06.09

Last Calib.: 2005.06.09

Start Time: 08:39:15

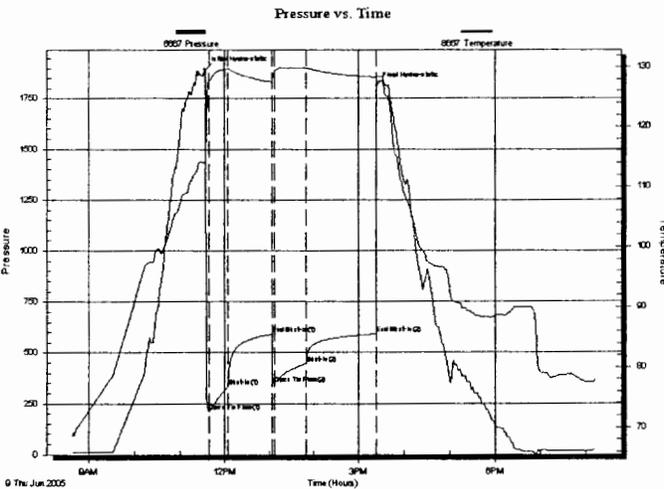
End Time:

20:12:10

Time On Btm: 2005.06.09 @ 11:33:55

Time Off Btm: 2005.06.09 @ 15:23:25

TEST COMMENT: IF: Strong blow, BOB 15 sec, GTS 6.5 min.
IS: Bled off, Blow back BOB, held for duration.
FF: Strong blow, BOB immediately.
FSI: Bled off, Blow back BOB,



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.08	114.06	Initial Hydro-static
6	211.15	127.85	Open To Flow (1)
32	330.59	129.71	Shut-In(1)
90	589.64	127.56	End Shut-In(1)
93	349.11	129.26	Open To Flow (2)
136	447.62	129.87	Shut-In(2)
229	590.82	128.34	End Shut-In(2)
230	1810.89	128.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
585.00	W 100%	6.09
260.00	WO 34%w 66%o	3.65
130.00	SLMCWO 2%m 23%w 75%o	1.82
65.00	GCWOM 16%g 20%w 30%o 34%m	0.91
0.00	RW=.053ohm@83degF=180000ppm	0.00
0.00	Grav.=21@83degF=corr. 23	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	20.00	54.57
Last Gas Rate	0.25	8.00	35.54
Max. Gas Rate	0.25	23.00	59.33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McGinness Oil Co. of Kansas

Wayne Williams #2

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206
ATTN: Ken LeBlanc

8-27s-11w

Job Ticket: 20753

DST#: 1

Test Start: 2005.06.09 @ 08:39:10

Tool Information

Drill Pipe:	Length: 3677.00 ft	Diameter: 3.80 inches	Volume: 51.58 bbl	Tool Weight: 2100.00 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: 232.00 ft	Diameter: 2.25 inches	Volume: 1.14 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 52.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3900.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 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			3882.00	
Hydraulic tool	5.00			3887.00	
Safety Joint	3.00			3890.00	
Packer	5.00			3895.00	23.00 Bottom Of Top Packer
Packer	5.00			3900.00	
Stubb	1.00			3901.00	
Recorder	0.00	6667	Inside	3901.00	
Perforations	26.00			3927.00	
Recorder	0.00	6074	Inside	3927.00	
Bullnose	3.00			3930.00	30.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



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FLUID SUMMARY

McGinness Oil Co. of Kansas

Wayne Williams #2

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206
ATTN: Ken LeBlanc

8-27s-11w

Job Ticket: 20753

DST#: 1

Test Start: 2005.06.09 @ 08:39:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 23 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 180000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 16.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8100.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
585.00	W 100%	6.093
260.00	WO 34%w 66%o	3.647
130.00	SLMCWO 2%m 23%w 75%o	1.824
65.00	GCWOM 16%g 20%w 30%o 34%m	0.912
0.00	RW=.053ohm@83degF=180000ppm	0.000
0.00	Grav.=21@83degF=corr. 23	0.000
0.00	0	0.000

Total Length: 1040.00 ft

Total Volume: 12.476 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

McGinness Oil Co. of Kansas

Wayne Williams #2

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206
ATTN: Ken LeBlanc

8-27s-11w

Job Ticket: 20753

DST#: 1

Test Start: 2005.06.09 @ 08:39:10

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.25	20.00	54.57
1	10	0.25	20.00	54.57
1	10	0.25	20.00	54.57
1	15	0.25	23.00	59.33
1	20	0.25	23.00	59.33
1	25	0.25	22.00	57.75
1	30	0.25	21.00	56.16
2	5	0.25	0.00	22.84
2	10	0.25	5.00	30.78
2	15	0.25	6.00	32.36
2	20	0.25	9.00	37.12
2	25	0.25	9.00	37.12
2	30	0.25	8.00	35.54
2	35	0.25	8.00	35.54
2	40	0.25	8.00	35.54

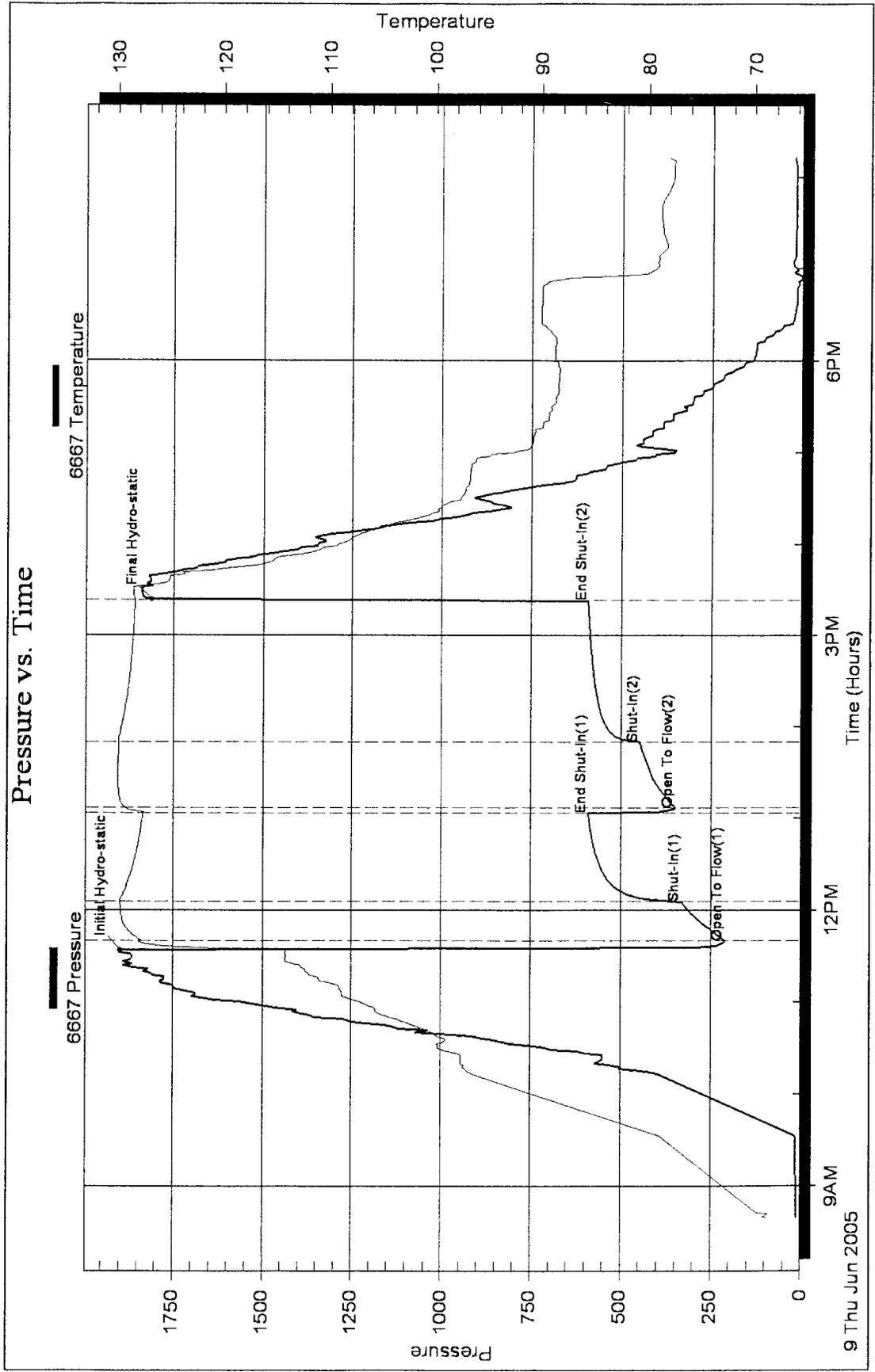
Serial #: 6667

Inside

McGinness Oil Co. of Kansas

8-27s-11w

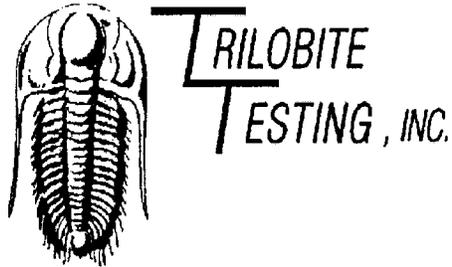
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 20753

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DRILL STEM TEST REPORT

Prepared For: **McGinness Oil Co. of Kansas**

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206

ATTN: Ken LeBlanc

8-27s-11w

Wayne Williams #2

Start Date: 2005.06.10 @ 07:30:53

End Date: 2005.06.10 @ 14:01:38

Job Ticket #: 20754 DST #: 2

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

McGinness Oil Co. of Kansas

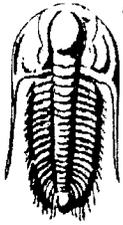
Wayne Williams #2

8-27s-11w

DST # 2

Hertha

2005.06.10



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McGinness Oil Co. of Kansas

Wayne Williams #2

1551 N. Waterfront Parkway
Suite 150
Wichita, KS 67206
ATTN: Ken LeBlanc

8-27s-11w

Job Ticket: 20754

DST#: 2

Test Start: 2005.06.10 @ 07:30:53

GENERAL INFORMATION:

Formation: **Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:58:23

Time Test Ended: 14:01:38

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 19

Interval: **3930.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Reference Elevations: 1825.00 ft (KB)

Total Depth: 3960.00 ft (KB) (TVD)

1813.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6667

Inside

Press@RunDepth: 81.41 psig @ 3931.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.06.10

End Date: 2005.06.10

Last Calib.: 2005.06.10

Start Time: 07:30:58

End Time: 14:01:37

Time On Btm: 2005.06.10 @ 09:44:23

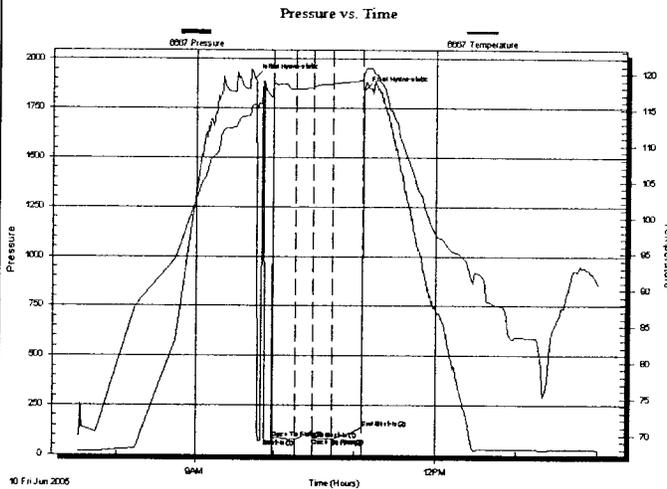
Time Off Btm: 2005.06.10 @ 11:06:23

TEST COMMENT: IF: Flushed tool tw ice. No blow

IS: No blow.

FF: No blow.

FSI: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1904.10	115.80	Initial Hydro-static
14	79.34	118.71	Open To Flow (1)
32	78.88	117.86	Shut-In(1)
44	119.30	118.06	End Shut-In(1)
45	85.45	118.14	Open To Flow (2)
59	81.41	118.65	Shut-In(2)
81	135.22	119.10	End Shut-In(2)
82	1844.81	120.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	SLOGCWM 5%g35%w 60%m	0.49
0.00	RW=.14ohm@85degF=38000ppm	0.00
0.00	0	0.00

Gas Rates

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



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TOOL DIAGRAM

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1551 N. Waterfront Parkway
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ATTN: Ken LeBlanc

Wayne Williams #2
8-27s-11w
Job Ticket: 20754 **DST#: 2**
Test Start: 2005.06.10 @ 07:30:53

Tool Information

Drill Pipe:	Length: 3708.00 ft	Diameter: 3.80 inches	Volume: 52.01 bbl	Tool Weight: 2100.00 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: 232.00 ft	Diameter: 2.25 inches	Volume: 1.14 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	53.15 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3930.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Disconnected hose from floor manifold. Hose contained water, drained hose, then had small amount of blow back. Called Doug Sr.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3912.00	
Hydraulic tool	5.00			3917.00	
Safety Joint	3.00			3920.00	
Packer	5.00			3925.00	23.00 Bottom Of Top Packer
Packer	5.00			3930.00	
Stubb	1.00			3931.00	
Recorder	0.00	6667	Inside	3931.00	
Perforations	26.00			3957.00	
Recorder	0.00	6074	Inside	3957.00	
Bullnose	3.00			3960.00	30.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



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ATTN: Ken LeBlanc

8-27s-11w
Job Ticket: 20754 **DST#: 2**
Test Start: 2005.06.10 @ 07:30:53

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:	38000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.04 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	SLOSGCWM 5%g35%w 60%m	0.492
0.00	RW= 14ohm@85degF=38000ppm	0.000
0.00	0	0.000

Total Length: 100.00 ft Total Volume: 0.492 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

