

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co Inc**

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

³³
15-12s-~~12~~³³w Logan, Ks

Michaelis Trust #1-15

Start Date: 2009.04.28 @ 22:10:05

End Date: 2009.04.29 @ 04:15:29

Job Ticket #: 33342

DST #: 1

Brito Oil Co Inc

Michaelis Trust #1-15

³³
15-12s-~~12~~³³w Logan, Ks

DST # 1

1-1

2009.04.28

Range is 33w, not 13w as printed

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

Michaelis Trust #1-15

15-12s-13w Logan, Ks

Job Ticket: 33342

DST#: 1

Test Start: 2009.04.28 @ 22:10:05

GENERAL INFORMATION:

Formation: I-J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:21:45

Time Test Ended: 04:15:29

Interval: 4262.00 ft (KB) To 4320.00 ft (KB) (TVD)

Total Depth: 4320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Reference Elevations: 3120.00 ft (KB)

3110.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 24.56 psig @ 4263.00 ft (KB)

Start Date: 2009.04.28

End Date:

2009.04.29

Capacity: 7000.00 psig

Start Time: 22:10:05

End Time:

04:15:29

Last Calib.: 2009.04.29

Time On Btmr: 2009.04.29 @ 00:20:45

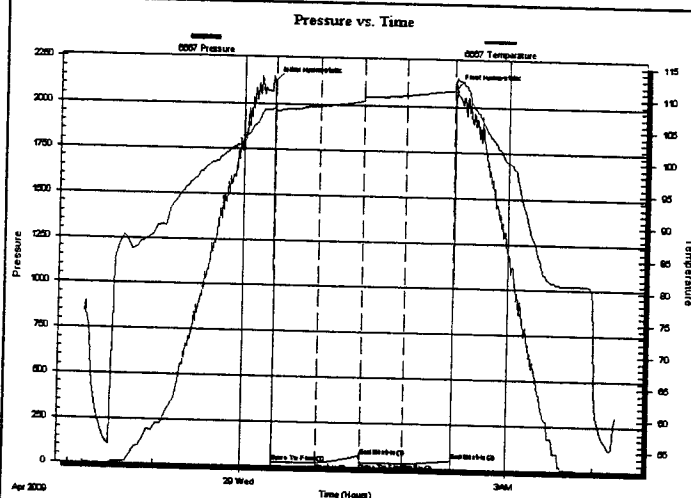
Time Off Btmr: 2009.04.29 @ 02:24:15

TEST COMMENT: Weak blow died in 17 min

No return

No blow

No return



PRESSURE SUMMARY

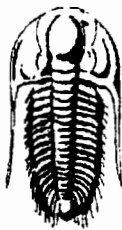
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2129.36	108.21	Initial Hydro-static
1	18.78	107.65	Open To Flow (1)
31	21.15	108.39	Shut-In (1)
60	65.81	109.25	End Shut-In (1)
61	26.36	109.46	Open To Flow (2)
90	24.56	110.32	Shut-In (2)
123	45.55	111.16	End Shut-In (2)
124	2105.66	113.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud w/oil spots in tool 100% m	0.01

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co Inc

Michaelis Trust #1-15

1700 N Waterfront Pwy
Witchita, KS 67206

15-12s-13w Logan, Ks

Job Ticket: 33342

DST#: 1

ATTN: Tim Priest

Test Start: 2009.04.28 @ 22:10:05

Tool Information

Drill Pipe:	Length: 3710.00 ft	Diameter: 3.80 inches	Volume: 52.04 bbl	Tool Weight:	1500.00 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: 543.00 ft	Diameter: 2.25 inches	Volume: 2.67 bbl	Weight to Pull Loose:	95000.00 lb
		Total Volume:	54.71 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4262.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	58.00 ft				
Tool Length:	78.00 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			4243.00	
Shut In Tool	5.00			4248.00	
Hydraulic tool	5.00			4253.00	
Packer	5.00			4258.00	20.00 Bottom Of Top Packer
Packer	4.00			4262.00	
Stubb	1.00			4263.00	
Recorder	0.00	6667	Inside	4263.00	
Recorder	0.00	6771	Outside	4263.00	
Perforations	19.00			4282.00	
Change Over Sub	1.00			4283.00	
Drill Pipe	31.00			4314.00	
Change Over Sub	1.00			4315.00	
Bullnose	5.00			4320.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



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FLUID SUMMARY

Brito Oil Co Inc

Michaelis Trust #1-15

1700 N Waterfront Pwy
Wichita, KS 67206

15-12s-13w Logan, Ks

Job Ticket: 33342

DST#: 1

ATTN: Tim Priest

Test Start: 2009.04.28 @ 22:10:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.78 in³

Resistivity: 0.00 ohm.m

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud w/oil spots in tool 100%rn	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

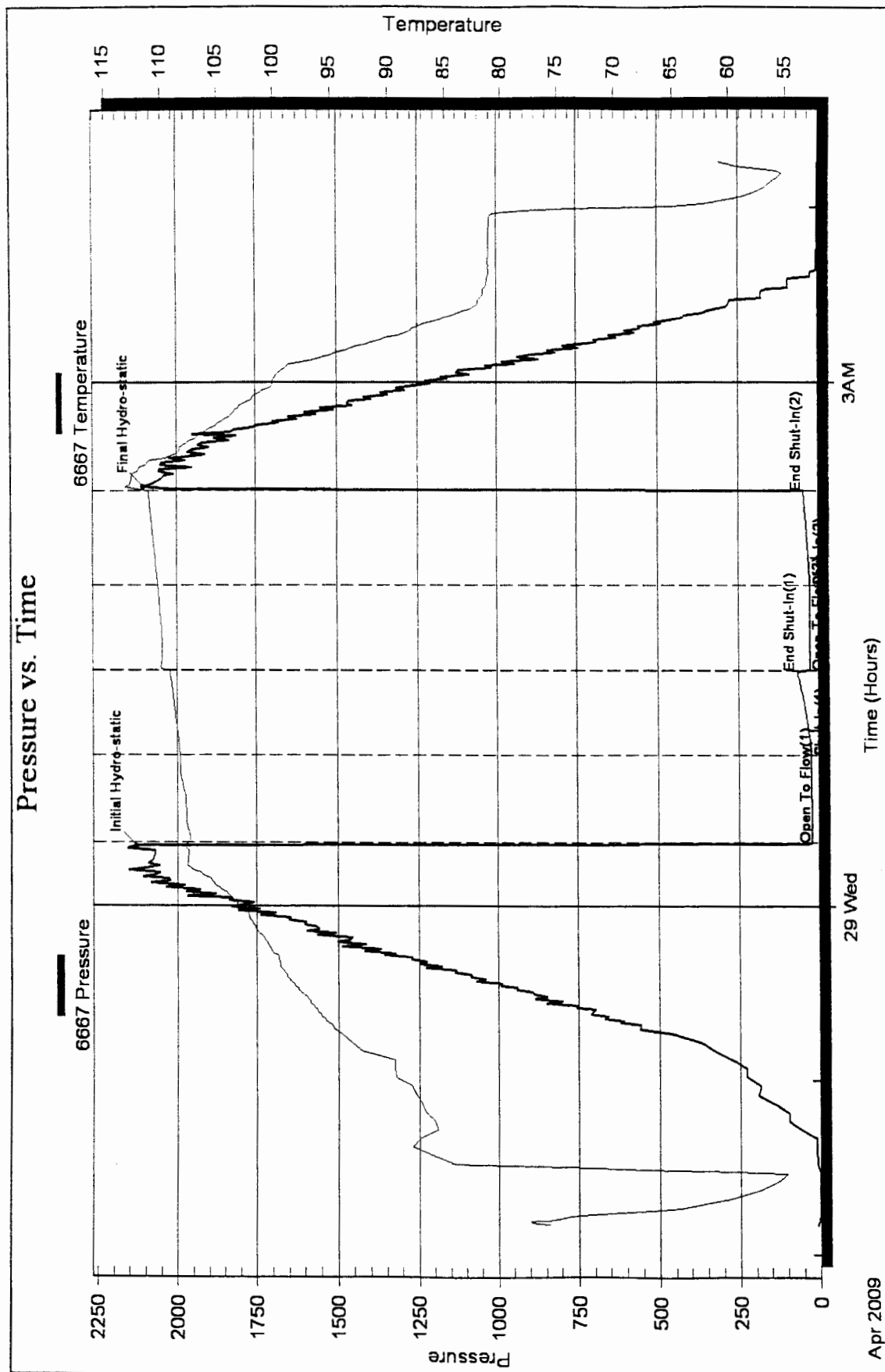
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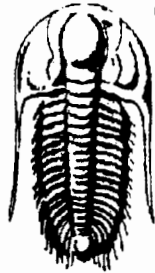
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co Inc**

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

15-12s-13w Logan, Ks

Michaelis Trust #1-15

Start Date: 2009.04.30 @ 04:10:08

End Date: 2009.04.30 @ 11:10:02

Job Ticket #: 33343 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Brito Oil Co Inc

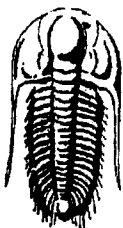
Michaelis Trust #1-15

15-12s-13w Logan, Ks

DST # 2

Fl Scott, Cherokee,

2009.04.30



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

Michaelis Trust #1-15

15-12s-13w Logan, Ks

Job Ticket: 33343

DST#: 2

Test Start: 2009.04.30 @ 04:10:08

GENERAL INFORMATION:

Formation: **Ft Scott, Cherokee,**

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

Time Tool Opened: 07:02:33

Time Test Ended: 11:10:02

Interval: **4546.00 ft (KB) To 4668.00 ft (KB) (TVD)**

Total Depth: **4668.00 ft (KB) (TVD)**

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

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Reference Elevations: **3120.00 ft (KB)**

3110.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: **42.72 psig @ 4547.00 ft (KB)**

Start Date: **2009.04.30**

End Date:

2009.04.30

Capacity: **7000.00 psig**

Last Calib.: **2009.04.30**

Start Time: **04:10:08**

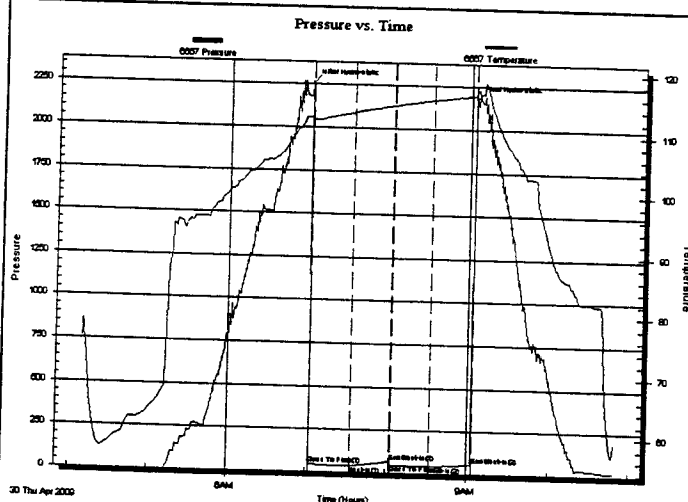
End Time:

10:50:02

Time On Btm: **2009.04.30 @ 07:01:48**

Time Off Btm: **2009.04.30 @ 09:03:48**

TEST COMMENT: **Weak blow died in 20 min**
No return
No blow
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.70	112.76	Initial Hydro-static
1	42.73	112.21	Open To Flow (1)
32	38.47	113.38	Shut-In(1)
61	65.77	114.56	End Shut-In(1)
62	49.26	114.58	Open To Flow(2)
91	42.72	115.53	Shut-In(2)
122	55.73	116.40	End Shut-In(2)
122	2175.28	116.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/oil spots 100% _m	0.02

Gas Rates

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

TOOL DIAGRAM

Brito Oil Co Inc

1700 N Waterfront Pwy
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ATTN: Tim Priest

Michaelis Trust #1-15

15-12s-13w Logan, Ks

Job Ticket: 33343

DST#: 2

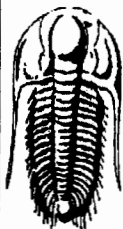
Test Start: 2009.04.30 @ 04:10:08

Tool Information

Drill Pipe:	Length: 3996.00 ft	Diameter: 3.80 inches	Volume: 56.05 bbl	Tool Weight: 1500.00 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: 543.00 ft	Diameter: 2.25 inches	Volume: 2.67 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume: 58.72 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4546.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	122.00 ft			
Tool Length:	142.00 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			4527.00	
Shut In Tool	5.00			4532.00	
Hydraulic tool	5.00			4537.00	
Packer	5.00			4542.00	20.00 Bottom Of Top Packer
Packer	4.00			4546.00	
Stubb	1.00			4547.00	
Recorder	0.00	6667	Inside	4547.00	
Recorder	0.00	6771	Outside	4547.00	
Perforations	19.00			4566.00	
Change Over Sub	1.00			4567.00	
Drill Pipe	95.00			4662.00	
Change Over Sub	1.00			4663.00	
Bullnose	5.00			4668.00	122.00 Bottom Packers & Anchor
Total Tool Length:		142.00			



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FLUID SUMMARY

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15-12s-13w Logan, Ks

Job Ticket: 33343

DST#: 2

ATTN: Tim Priest

Test Start: 2009.04.30 @ 04:10:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.19 in³

Resistivity: 0.00 ohm.m

Salinity: 2900.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w/oil spots 100%rn	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

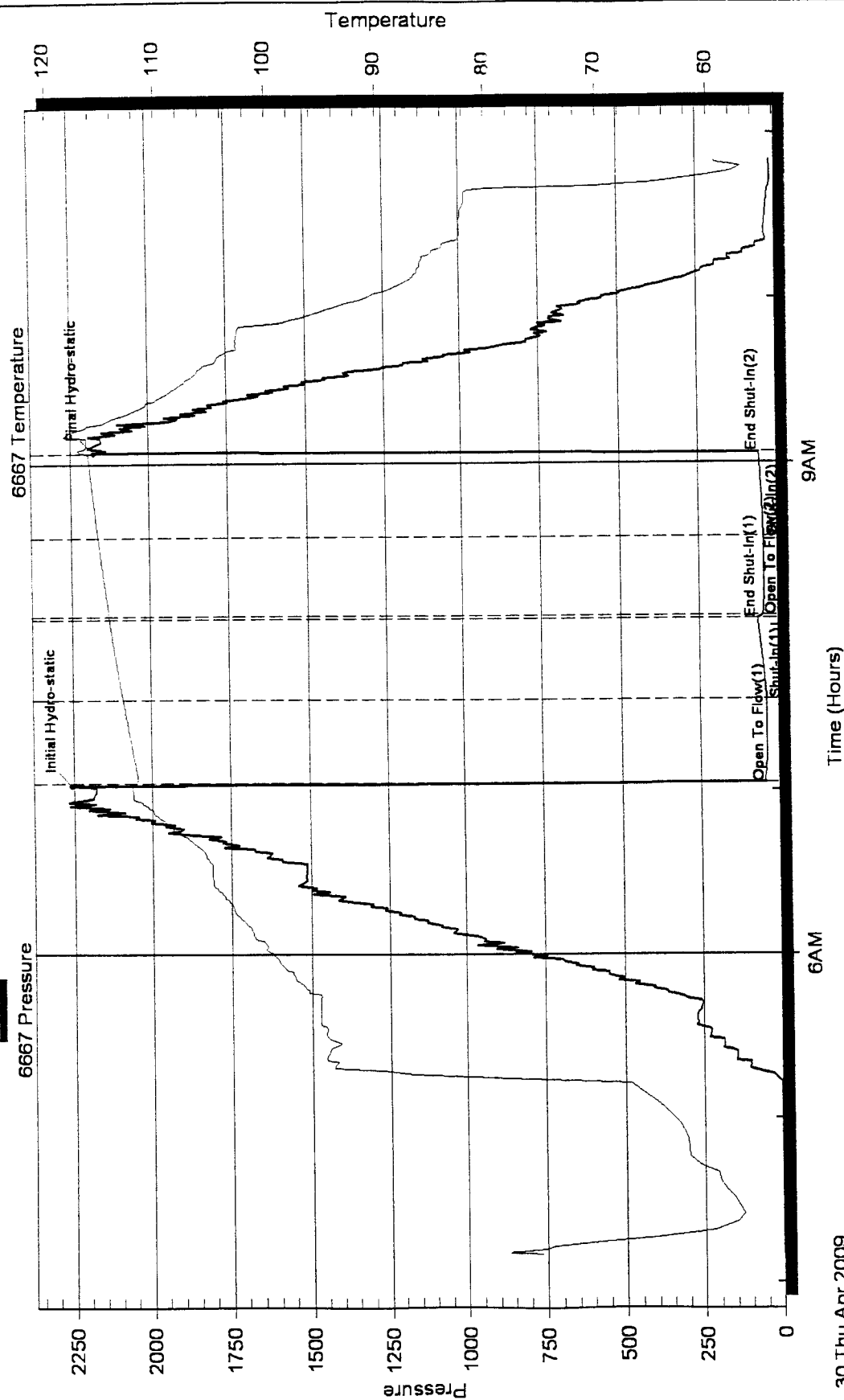
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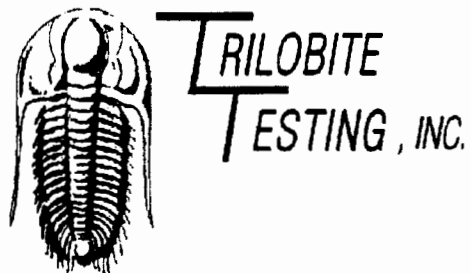
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co Inc**

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

15-12s-13w Logan, Ks

Michaelis Trust #1-15

Start Date: 2009.04.30 @ 17:25:17

End Date: 2009.04.30 @ 22:10:26

Job Ticket #: 33344 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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DRILL STEM TEST REPORT

Brito Oil Co Inc

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

Michaelis Trust #1-15

15-12s-13w Logan, Ks

Job Ticket: 33344

DST#: 3

Test Start: 2009.04.30 @ 17:25:17

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:16:42

Time Test Ended: 22:10:26

Interval: **4667.00 ft (KB) To 4706.00 ft (KB) (TVD)**

Total Depth: 4706.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Reference Elevations: 3120.00 ft (KB)

3110.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 22.55 psig @ 4668.00 ft (KB)

Start Date: 2009.04.30

End Date:

2009.04.30

Start Time: 17:25:17

End Time:

21:59:26

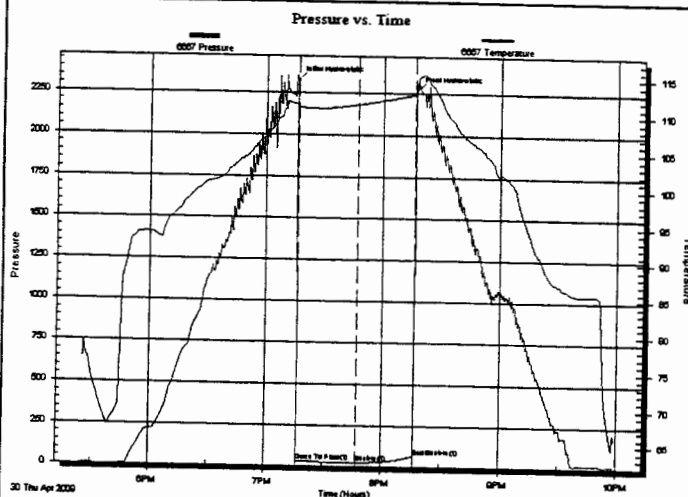
Capacity: 7000.00 psig

Last Calib.: 2009.04.30

Time On Btm: 2009.04.30 @ 19:16:12

Time Off Btm: 2009.04.30 @ 20:17:12

TEST COMMENT: Weak blow died in 5 min
No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2327.66	111.63	Initial Hydro-static
1	29.12	111.15	Open To Flow (1)
31	22.55	111.46	Shut-In(1)
61	65.13	112.87	End Shut-In(1)
61	2265.67	113.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

Gas Rates

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

TOOL DIAGRAM

Brito Oil Co Inc

1700 N Waterfront Pwy
Wichita, KS 67206

ATTN: Tim Priest

Michaelis Trust #1-15

15-12s-13w Logan, Ks

Job Ticket: 33344

DST#: 3

Test Start: 2009.04.30 @ 17:25:17

Tool Information

Drill Pipe:	Length: 4124.00 ft	Diameter: 3.80 inches	Volume: 57.85 bbl	Tool Weight:	1500.00 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: 543.00 ft	Diameter: 2.25 inches	Volume: 2.67 bbl	Weight to Pull Loose:	95000.00 lb
		Total Volume:	60.52 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4667.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	59.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

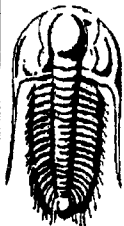
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			4648.00	
Shut In Tool	5.00			4653.00	
Hydraulic tool	5.00			4658.00	
Packer	5.00			4663.00	20.00 Bottom Of Top Packer
Packer	4.00			4667.00	
Stubb	1.00			4668.00	
Recorder	0.00	6667	Inside	4668.00	
Recorder	0.00	6771	Outside	4668.00	
Perforations	33.00			4701.00	
Bulnose	5.00			4706.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Michaelis Trust #1-15

1700 N Waterfront Pwy
Witchita, KS 67206

15-12s-13w Logan, Ks

Job Ticket: 33344

DST#: 3

ATTN: Tim Priest

Test Start: 2009.04.30 @ 17:25:17

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.78 in³

Resistivity: 0.00 ohm.m

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% _m	0.010

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

