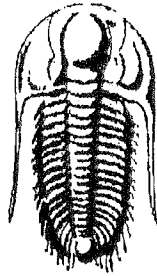


13-12s-31w

KANSAS CORPORATION COMMISSION

AUG 07 2009
RECEIVED



TRILOBITE
TESTING, INC.

LG

DRILL STEM TEST REPORT

Prepared For: **H&M Petroleum Corp**

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921

ATTN: Rick Hall

13-12s-31w Gove, Ks

Bonita Springs #4A

Start Date: 2009.05.04 @ 04:20:20

End Date: 2009.05.04 @ 10:15:14

Job Ticket #: 33345 DST #: 1

15-083-21767-0000

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

H&M Petroleum Corp

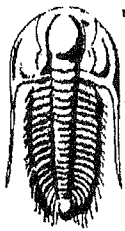
Bonita Springs #4A

13-12s-31w Gove, Ks

DST # 1

Toronto

2009.05.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&M Petroleum Corp

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

Bonita Springs #4A

13-12s-31w Gove, Ks

Job Ticket: 33345

DST#: 1

Test Start: 2009.05.04 @ 04:20:20

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:31:45

Time Test Ended: 10:15:14

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **3931.00 ft (KB) To 3955.00 ft (KB) (TVD)**

Reference Elevations: 2919.00 ft (KB)

Total Depth: 3955.00 ft (KB) (TVD)

2914.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 29.25 psig @ 3932.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2009.05.04

End Date:

2009.05.04

Last Calib.: 2009.05.04

Start Time: 04:20:20

End Time:

09:35:14

Time On Btm: 2009.05.04 @ 06:31:15

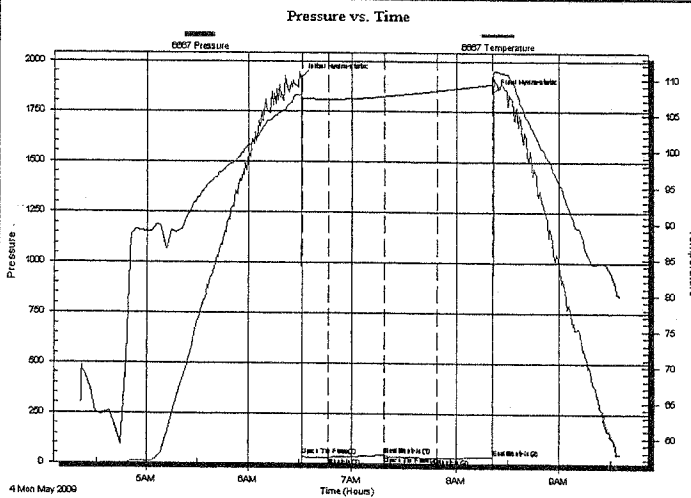
Time Off Btm: 2009.05.04 @ 08:21:30

TEST COMMENT: Weak blow died in 6 min

No return

No blow

No return



PRESSURE SUMMARY

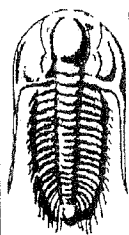
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1916.08	107.93	Initial Hydro-static
1	36.97	107.42	Open To Flow (1)
16	30.07	107.20	Shut-In(1)
47	43.06	107.61	End Shut-In(1)
48	37.94	107.62	Open To Flow(2)
78	29.25	108.44	Shut-In(2)
110	32.30	109.36	End Shut-In(2)
111	1843.99	110.30	Final Hydro-static

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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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&M Petroleum Corp

Bonita Springs #4A

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

13-12s-31w Gove, Ks

Job Ticket: 33345

DST#: 1

Test Start: 2009.05.04 @ 04:20:20

Tool Information

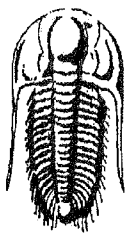
Drill Pipe:	Length: 3797.00 ft	Diameter: 3.80 inches	Volume: 53.26 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	53.87 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	51000.00 lb
Depth to Top Packer:	3931.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	46.00 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			3910.00	
Shut In Tool	5.00			3915.00	
Hydraulic tool	5.00			3920.00	
Safety Joint	2.00			3922.00	
Packer	5.00			3927.00	22.00 Bottom Of Top Packer
Packer	4.00			3931.00	
Stubb	1.00			3932.00	
Recorder	0.00	6667	Inside	3932.00	
Recorder	0.00	6771	Outside	3932.00	
Perforations	18.00			3950.00	
Bullnose	5.00			3955.00	24.00 Bottom Packers & Anchor

Total Tool Length: 46.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

H&M Petroleum Corp

Bonita Springs #4A

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

13-12s-31w Gove, Ks

Job Ticket: 33345

DST#: 1

Test Start: 2009.05.04 @ 04:20:20

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 74.00 sec/qt

Water Loss: 6.77 in³

Resistivity: 0.00 ohm.m

Salinity: 1900.00 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

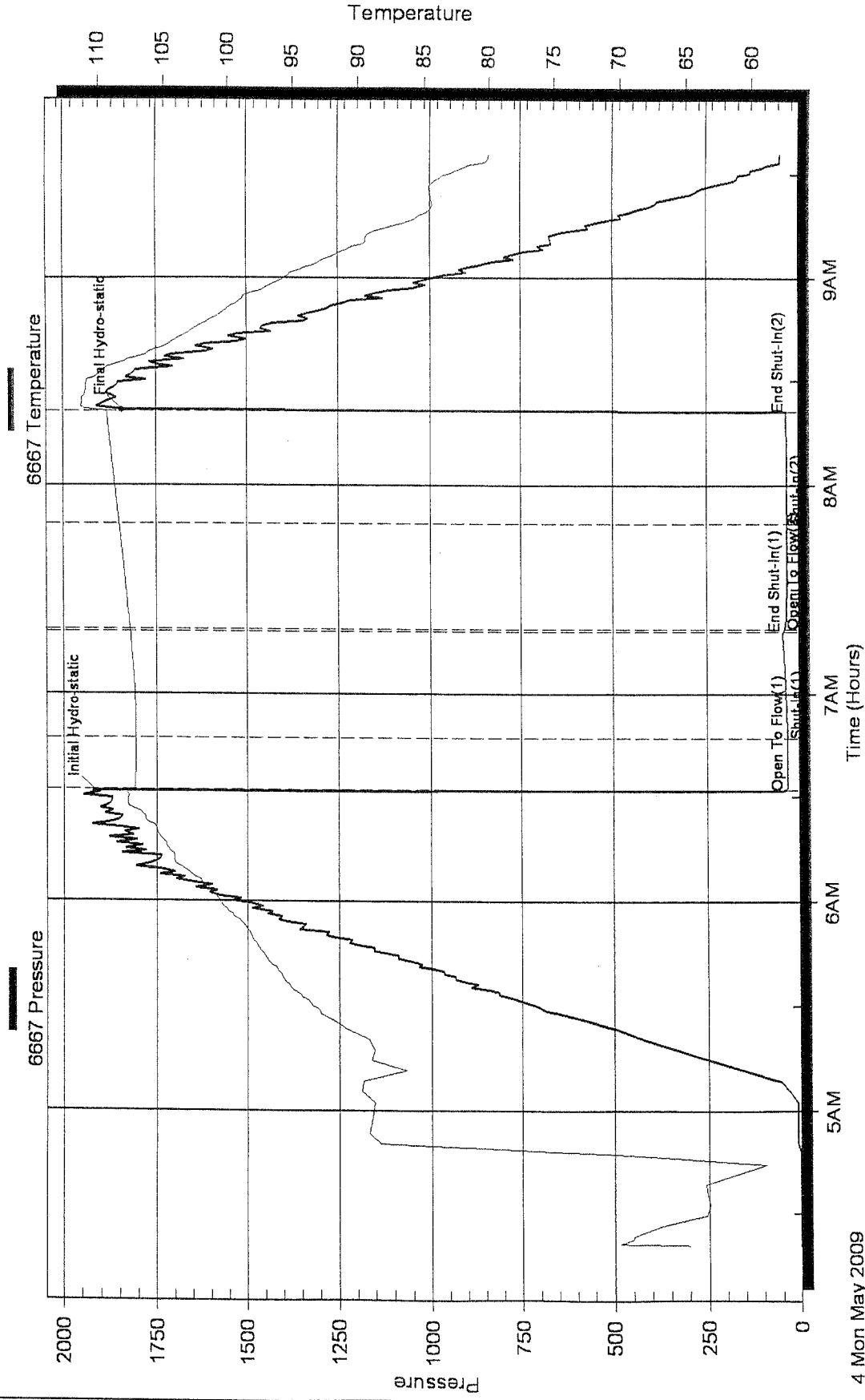
Serial #:

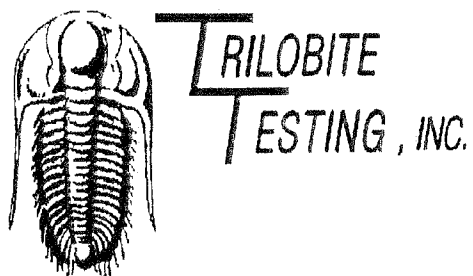
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **H&M Petroleum Corp**

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921

ATTN: Rick Hall

13-12s-31w Gove,Ks

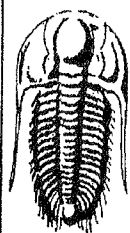
Bonita Springs #4A

Start Date: 2009.05.04 @ 18:50:05

End Date: 2009.05.05 @ 01:35:59

Job Ticket #: 33346 DST #: 2

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&M Petroleum Corp

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

Bonita Springs #4A

13-12s-31w Gove, Ks

Job Ticket: 33346

DST#: 2

Test Start: 2009.05.04 @ 18:50:05

GENERAL INFORMATION:

Formation: **E**

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

Time Tool Opened: 20:45:45

Time Test Ended: 01:35:59

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4027.00 ft (KB) To 4043.00 ft (KB) (TVD)**

Total Depth: **4043.00 ft (KB) (TVD)**

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

Reference Elevations: **2919.00 ft (KB)**

2914.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: **156.37 psig @ 4028.00 ft (KB)**

Start Date: **2009.05.04**

End Date:

2009.05.05

Start Time: **18:50:05**

End Time:

01:24:59

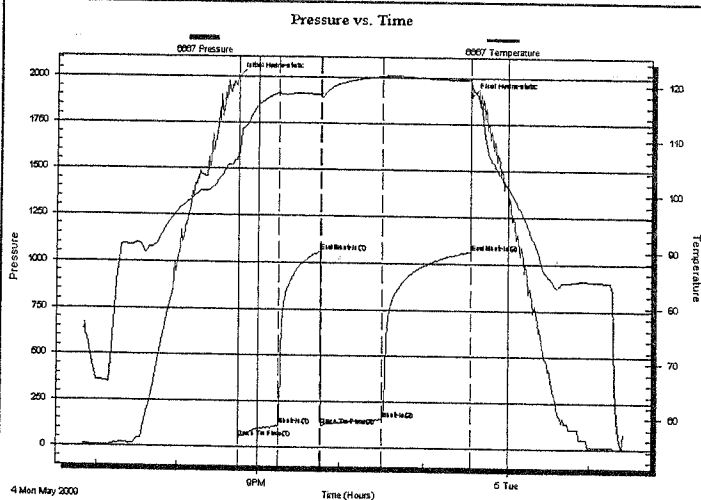
Capacity: **7000.00 psig**

Last Calib.: **2009.05.05**

Time On Btm: **2009.05.04 @ 20:45:30**

Time Off Btm: **2009.05.04 @ 23:34:00**

TEST COMMENT: **1/4" in @ open built to 6 1/2" in**
No return
1/4" in @ open built to 8 1/4" in.
No return



PRESSURE SUMMARY

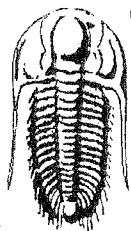
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2001.09	107.80	Initial Hydro-static
1	54.86	106.73	Open To Flow (1)
30	119.86	118.51	Shut-In(1)
61	1058.88	118.24	End Shut-In(1)
61	119.14	117.60	Open To Flow (2)
105	156.37	121.55	Shut-In(2)
168	1062.20	120.92	End Shut-In(2)
169	1901.25	119.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
273.00	s m c w 10% m 90% w	2.70
5.00	oil 100% o	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

H&M Petroleum Corp

Bonita Springs #4A

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

13-12s-31w Gove,Ks

Job Ticket: 33346

DST#: 2

Test Start: 2009.05.04 @ 18:50:05

Tool Information

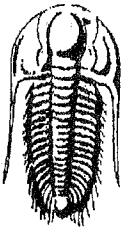
Drill Pipe:	Length: 3892.00 ft	Diameter: 3.80 inches	Volume: 54.59 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	0.00 lb
		Total Volume:	55.20 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	4027.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	38.00 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			4006.00	
Shut In Tool	5.00			4011.00	
Hydraulic tool	5.00			4016.00	
Safety Joint	2.00			4018.00	
Packer	5.00			4023.00	22.00 Bottom Of Top Packer
Packer	4.00			4027.00	
Stubb	1.00			4028.00	
Recorder	0.00	6667	Inside	4028.00	
Recorder	0.00	6771	Outside	4028.00	
Perforations	10.00			4038.00	
Bullnose	5.00			4043.00	16.00 Bottom Packers & Anchor

Total Tool Length: 38.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

H&M Petroleum Corp

Bonita Springs #4A

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

13-12s-31w Gove, Ks

Job Ticket: 33346

DST#: 2

Test Start: 2009.05.04 @ 18:50:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 6.77 in³

Resistivity: 0.00 ohm.m

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

39500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
273.00	s m c w 10% m 90% w	2.700
5.00	oil 100% o	0.070

Total Length: 278.00 ft

Total Volume: 2.770 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

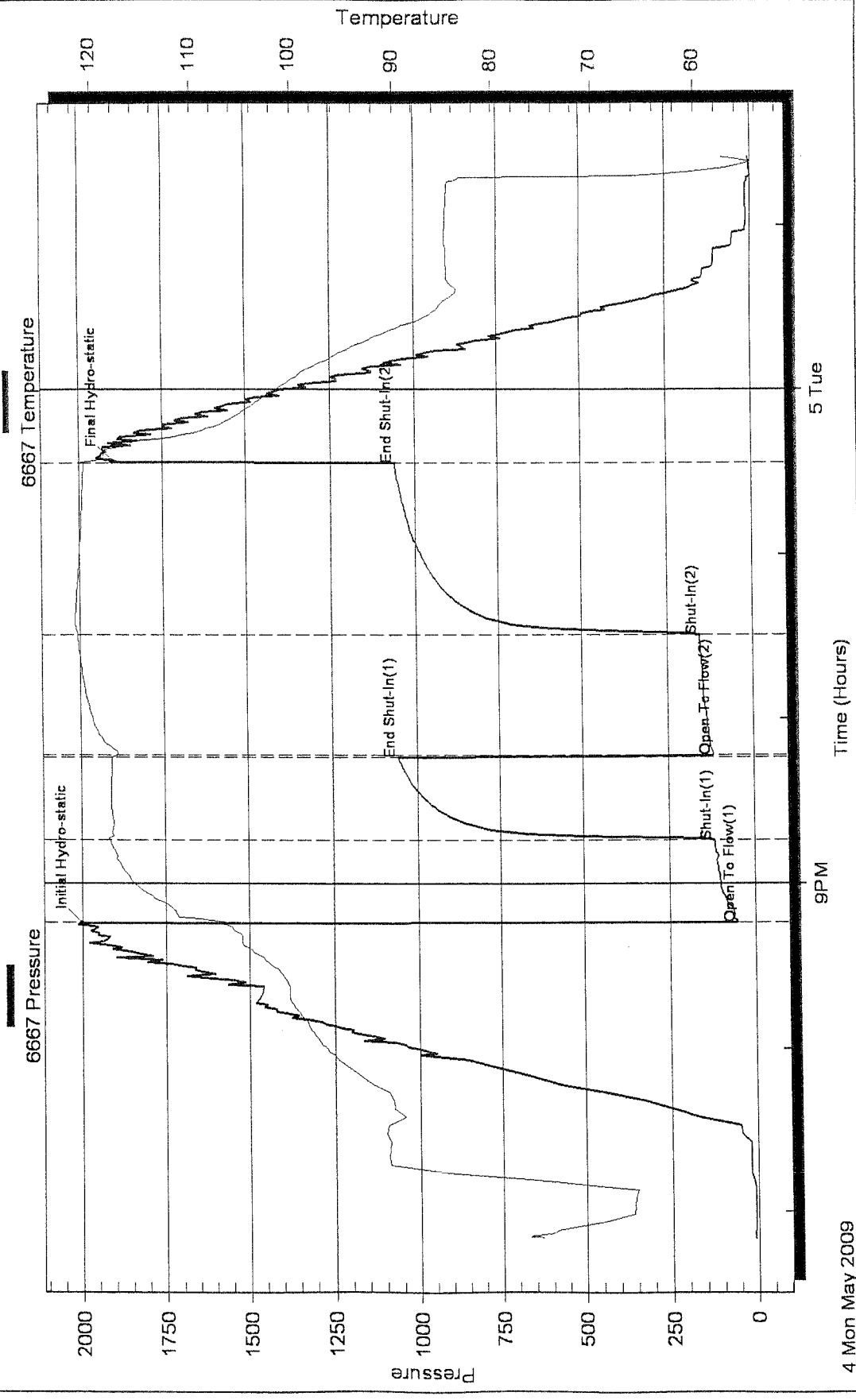
Serial #:

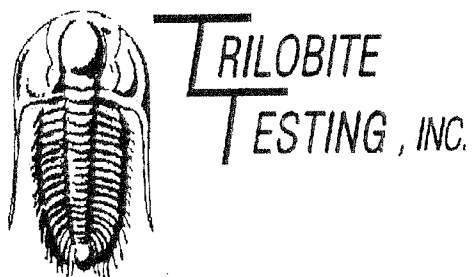
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .223 @ 58*f =39,500 chlorides

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **H&M Petroleum Corp**

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921

ATTN: Rick Hall

13-12s-31w Gove,Ks

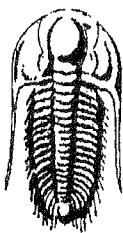
Bonita Springs #4A

Start Date: 2009.05.06 @ 06:55:20

End Date: 2009.05.06 @ 13:25:44

Job Ticket #: 33347 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&M Petroleum Corp

13570 Meadow grass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

Bonita Springs #4A

13-12s-31w Gove, Ks

Job Ticket: 33347

DST#: 3

Test Start: 2009.05.06 @ 06:55:20

GENERAL INFORMATION:

Formation: **Myric Station**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:15

Time Test Ended: 13:25:44

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4391.00 ft (KB) To 4415.00 ft (KB) (TVD)**

Total Depth: 4415.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2919.00 ft (KB)

2914.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667 Inside

Press@RunDepth: 88.79 psig @ 4392.00 ft (KB)

Start Date: 2009.05.06

End Date:

2009.05.06

Start Time: 06:55:20

End Time:

12:51:44

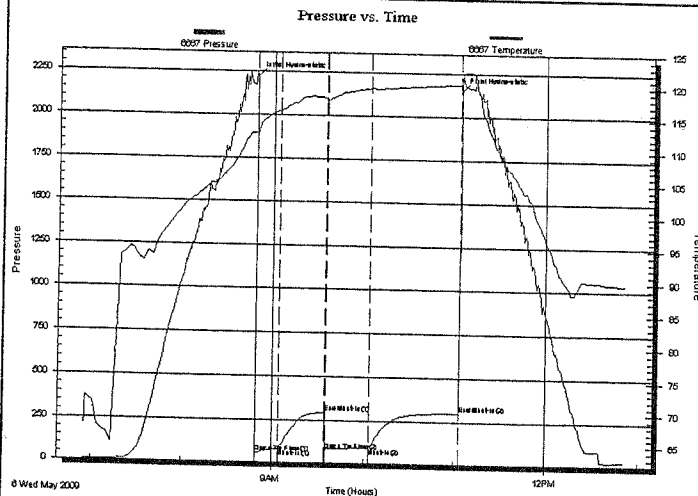
Capacity: 7000.00 psig

Last Calib.: 2009.05.06

Time On Btm: 2009.05.06 @ 08:49:00

Time Off Btm: 2009.05.06 @ 11:04:00

TEST COMMENT: B.O.B. in 5 min.
No return
B.O.B. in 1 min.
Weak surface return in 7 min died in 25 min.



PRESSURE SUMMARY

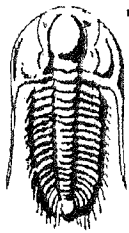
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.49	112.68	Initial Hydro-static
1	55.46	112.26	Open To Flow (1)
15	76.60	115.99	Shut-In(1)
45	295.78	118.07	End Shut-In(1)
46	72.70	117.63	Open To Flow (2)
75	88.79	119.51	Shut-In(2)
135	302.26	120.31	End Shut-In(2)
135	2150.48	121.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	g m c o 40%g 20%m 40%o	0.61
50.00	g o c m 5%g 10%o 85%m	0.70

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

H&M Petroleum Corp

Bonita Springs #4A

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

13-12s-31w Gove, Ks

Job Ticket: 33347

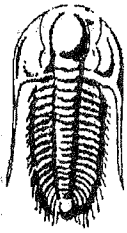
DST#: 3

Test Start: 2009.05.06 @ 06:55:20

Tool Information

Drill Pipe:	Length: 4273.00 ft	Diameter: 3.80 inches	Volume: 59.94 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	60.55 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	4391.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	46.00 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			4370.00	
Shut In Tool	5.00			4375.00	
Hydraulic tool	5.00			4380.00	
Safety Joint	2.00			4382.00	
Packer	5.00			4387.00	22.00 Bottom Of Top Packer
Packer	4.00			4391.00	
Stubb	1.00			4392.00	
Recorder	0.00	6667	Inside	4392.00	
Recorder	0.00	6771	Outside	4392.00	
Perforations	18.00			4410.00	
Bullnose	5.00			4415.00	24.00 Bottom Packers & Anchor
Total Tool Length:		46.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

H&M Petroleum Corp

Bonita Springs #4A

13570 Meadowgrass Dr
Ste 101
Colorado Springs, CO 80921
ATTN: Rick Hall

13-12s-31w Gove, Ks

Job Ticket: 33347

DST#: 3

Test Start: 2009.05.06 @ 06:55:20

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 6.79 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 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
124.00	g m c o 40%g 20%m 40%o	0.610
50.00	g o c m 5%g 10%o 85%m	0.701

Total Length: 174.00 ft

Total Volume: 1.311 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

