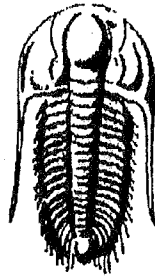


11-29s-9w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

15-095-22217

11-29s-9w Kingman KS

DELBERT #1

Start Date: 2010.12.13 @ 07:50:00

End Date: 2010.12.13 @ 15:47:15

Job Ticket #: 39307

DST #: 1

RECEIVED

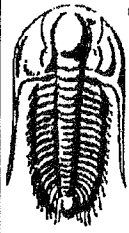
JUL 29 2011

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum, Inc.

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

DELBERT #1

11-29s-9w Kingman KS

Job Ticket: 39307

DST#: 1

Test Start: 2010.12.13 @ 07:50:00

GENERAL INFORMATION:

Formation: **INDIAN CAVE / FALL C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:51:30

Time Test Ended: 15:47:15

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **2380.00 ft (KB) To 2437.00 ft (KB) (TVD)**

Total Depth: **2437.00 ft (KB) (TVD)**

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

Reference Elevations: **1719.00 ft (KB)**

1710.00 ft (CF)

KB to GRVCF: **9.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **557.54 psig @ 2381.00 ft (KB)**

Start Date: **2010.12.13**

End Date:

2010.12.13

Start Time: **07:50:05**

End Time:

15:47:14

Capacity: **8000.00 psig**

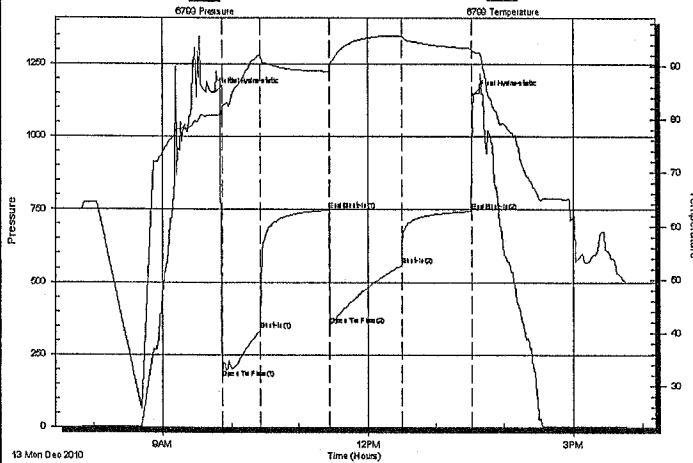
Last Calib.: **2010.12.13**

Time On Btm: **2010.12.13 @ 09:46:00**

Time Off Btm: **2010.12.13 @ 13:32:45**

TEST COMMENT: IF: Strong blow, built to BOB in 1 minute 15 seconds. No GTS.
ISI: Bled off, weak blow back built to 1" in bucket.
FF: Strong blow, built to BOB in 2 minutes 30 seconds. No GTS.
FSI: Bled off, weak

Pressure vs. Time



PRESSURE SUMMARY

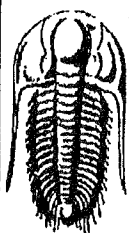
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1155.20	80.77	Initial Hydro-static
6	170.62	81.99	Open To Flow (1)
41	335.49	91.68	Shut-In(1)
101	748.45	88.94	End Shut-In(1)
102	351.01	90.25	Open To Flow (2)
164	557.54	95.53	Shut-In(2)
225	744.38	93.31	End Shut-In(2)
227	1146.65	92.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
885.00	Water 100%w	10.41
120.00	WM 40%w 60%m	1.68
120.00	WCM 20%w 80%m	1.68
0.00	no GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

DELBERT #1

525 S.Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39307

DST#: 1

ATTN: Jon F. Messenger

Test Start: 2010.12.13 @ 07:50:00

Tool Information

Drill Pipe:	Length: 2165.00 ft	Diameter: 3.80 inches	Volume: 30.37 bbl	Tool Weight:	3000.00 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: 220.00 ft	Diameter: 2.25 inches	Volume: 1.08 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	31.45 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	2380.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	85.00 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		2357.00	
Hydraulic tool	5.00		2362.00	
Jars	5.00		2367.00	
Safety Joint	3.00		2370.00	
Packer	5.00		2375.00	28.00 Bottom Of Top Packer
Packer	5.00		2380.00	
Stubb	1.00		2381.00	
Recorder	0.00	8648 Inside	2381.00	
Recorder	0.00	6799 Inside	2381.00	
Perforations	17.00		2398.00	
Blank Spacing	34.00		2432.00	
Bullnose	5.00		2437.00	57.00 Bottom Packers & Anchor

Total Tool Length: 85.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

DELBERT #1

525 S.Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39307

DST#: 1

ATTN: Jon F. Messenger

Test Start: 2010.12.13 @ 07:50:00

Mud and Cushion Information

Mud Type: Water

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
885.00	Water 100%w	10.410
120.00	WM 40%w 60%m	1.683
120.00	WCM 20%w 80%m	1.683
0.00	no GIP	0.000

Total Length: 1125.00 ft

Total Volume: 13.776 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

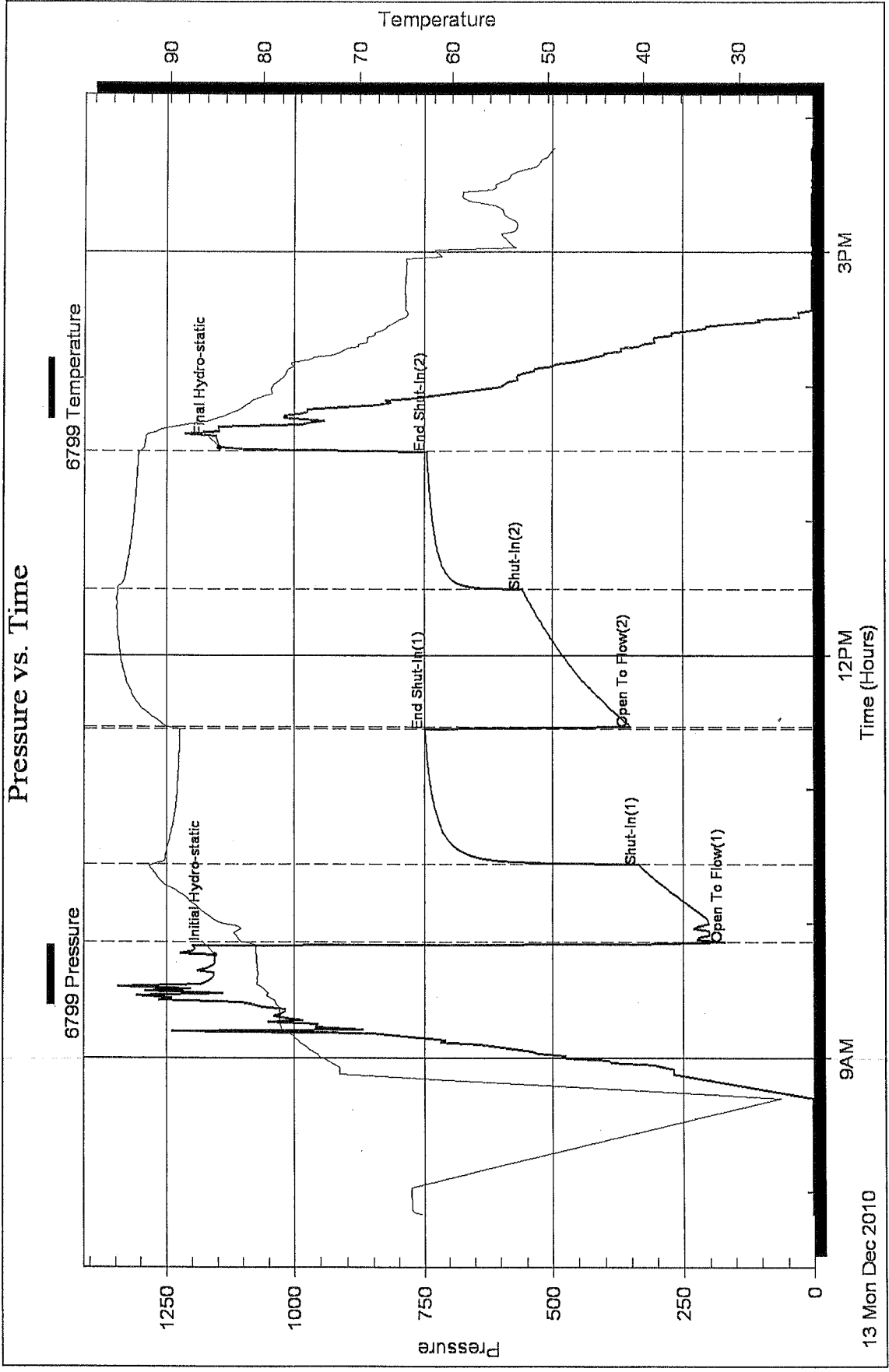
Serial #:

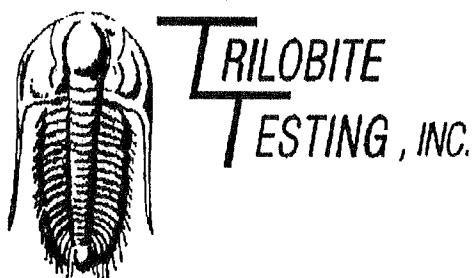
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

11-29s-9w Kingman KS

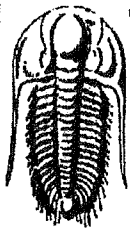
DELBERT #1

Start Date: 2010.12.15 @ 02:52:00

End Date: 2010.12.15 @ 10:56:30

Job Ticket #: 39308 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

Messenger Petroleum, Inc.

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

DELBERT #1

11-29s-9w Kingman KS

Job Ticket: 39308

DST#: 2

Test Start: 2010.12.15 @ 02:52:00

GENERAL INFORMATION:

Formation: DOUGLAS SS

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:30:45

Time Test Ended: 10:56:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 3390.00 ft (KB) To 3421.00 ft (KB) (TVD)

Total Depth: 3421.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1719.00 ft (KB)

1710.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6799

Inside

Press@RunDepth: 486.40 psig @ 3391.00 ft (KB)

Start Date: 2010.12.15

End Date:

2010.12.15

Start Time:

02:52:05

End Time:

10:56:29

Capacity: 8000.00 psig

Last Calib.: 2010.12.15

Time On Btm: 2010.12.15 @ 05:26:30

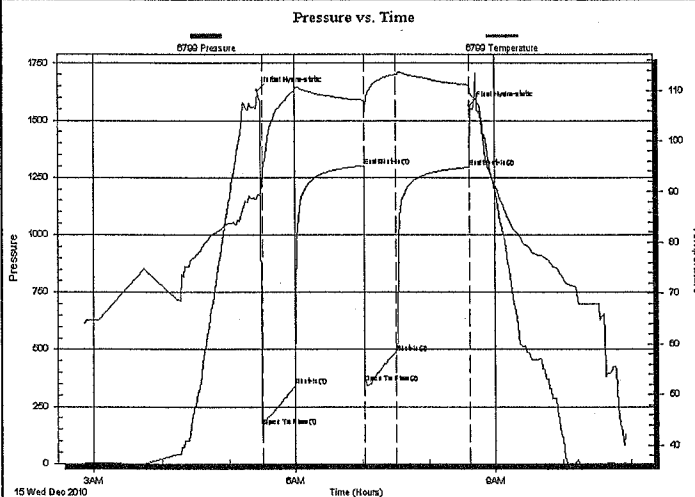
Time Off Btm: 2010.12.15 @ 08:37:14

TEST COMMENT: IF: Strong blow, BOB in 45 seconds, GTS in 17 minutes.

IS: Bled off, blow back at BOB.

FF: Strong blow, BOB in 5 seconds.

FS: Bled off, blow back at BOB.



PRESSURE SUMMARY

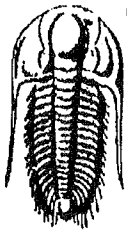
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1631.56	89.11	Initial Hydro-static
5	165.45	93.18	Open To Flow (1)
34	343.02	110.09	Shut-In (1)
96	1301.78	108.07	End Shut-In (1)
96	354.38	104.87	Open To Flow (2)
124	486.40	113.13	Shut-In (2)
190	1295.65	111.13	End Shut-In (2)
191	1564.46	109.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
730.00	Gassy Salt Water 10%g 90%w	8.24
300.00	Gassy Watery Mud 15%g 30%w 55%h	4.21
0.00	Gas in all fluid free pipe.	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	18.00	51.40
Max. Gas Rate	0.25	26.00	64.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

DELBERT #1

525 S. Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39308

DST#: 2

ATTN: Jon F. Messenger

Test Start: 2010.12.15 @ 02:52:00

Tool Information

Drill Pipe:	Length: 3152.00 ft	Diameter: 3.80 inches	Volume: 44.21 bbl	Tool Weight:	3000.00 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: 220.00 ft	Diameter: 2.25 inches	Volume: 1.08 bbl	Weight to Pull Loose:	65000.00 lb
			Total Volume: 45.29 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	3390.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	54.00 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			3367.00	
Hydraulic tool	5.00			3372.00	
Jars	5.00			3377.00	
Safety Joint	3.00			3380.00	
Packer	5.00			3385.00	28.00 Bottom Of Top Packer
Packer	5.00			3390.00	
Stubb	1.00			3391.00	
Recorder	0.00	8648	Inside	3391.00	
Recorder	0.00	6799	Inside	3391.00	
Perforations	20.00			3411.00	
Bullnose	5.00			3416.00	26.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

DELBERT #1

525 S.Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39308

DST#: 2

ATTN: Jon F. Messenger

Test Start: 2010.12.15 @ 02:52:00

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: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
730.00	Gassy Salt Water 10%g 90%w	8.236
300.00	Gassy Watery Mud 15%g 30%w 55%m	4.208
0.00	Gas in all fluid free pipe.	0.000

Total Length: 1030.00 ft

Total Volume: 12.444 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum, Inc.

DELBERT #1

525 S. Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39308

DST#: 2

ATTN: Jon F. Messenger

Test Start: 2010.12.15 @ 02:52:00

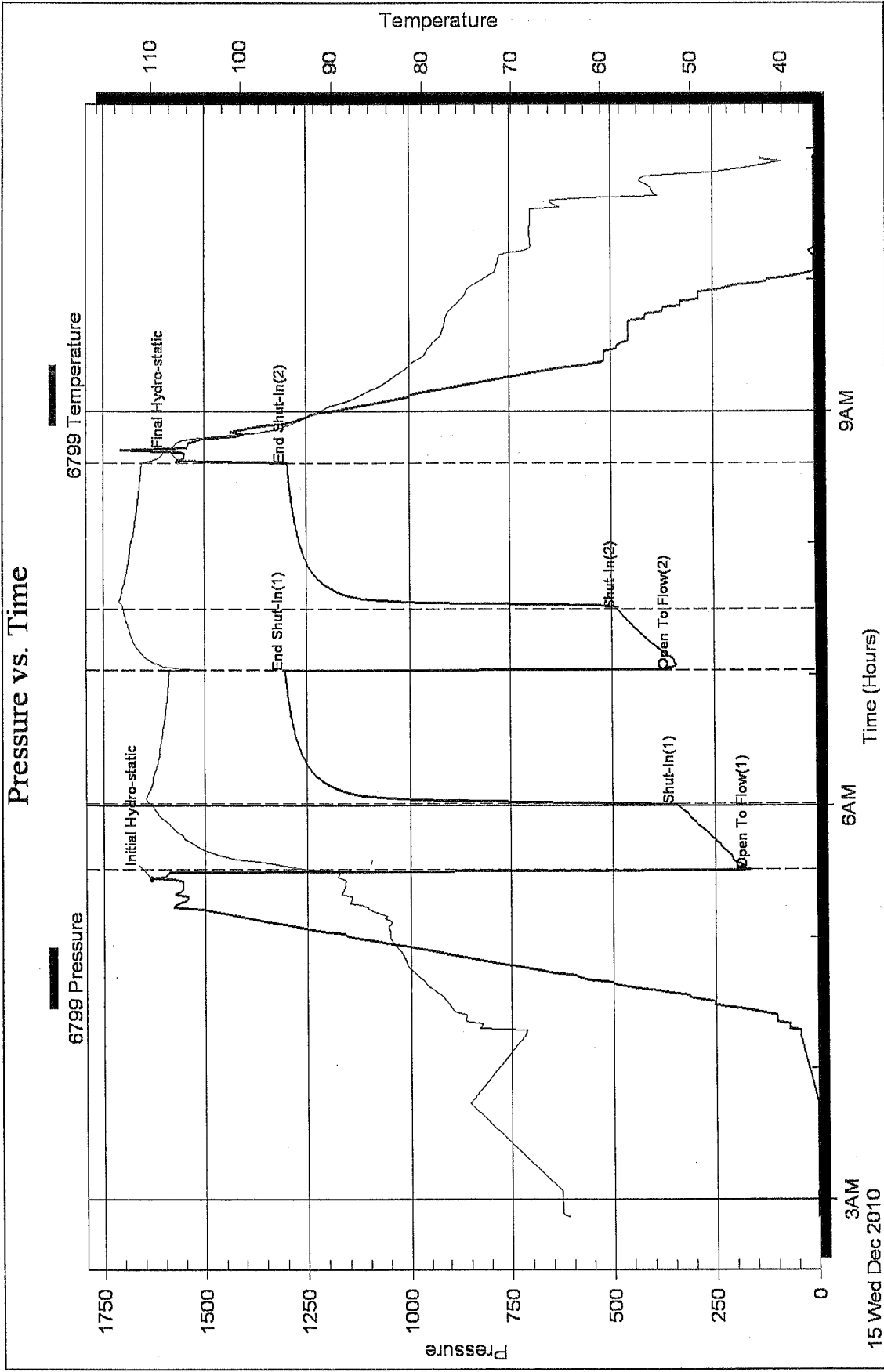
Gas Rates Information

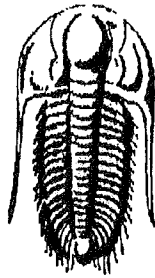
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.25	20.00	54.57
1	20	0.25	20.00	54.57
1	30	0.25	26.00	64.09
2	10	0.25	16.00	48.23
2	20	0.25	18.00	51.40

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

525 S.Main
Kingman, KS 67068

ATTN: Jon F. Messenger

11-29s-9w Kingman KS

DELBERT #1

Start Date: 2010.12.16 @ 23:18:00

End Date: 2010.12.17 @ 07:04:30

Job Ticket #: 39309 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

Messenger Petroleum, Inc.

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

DELBERT #1

11-29s-9w Kingman KS

Job Ticket: 39309

DST#: 3

Test Start: 2010.12.16 @ 23:18:00

GENERAL INFORMATION:

Formation: **SWOPE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:14:45

Time Test Ended: 07:04:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **3926.00 ft (KB) To 3942.00 ft (KB) (TVD)**

Total Depth: **3942.00 ft (KB) (TVD)**

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

Reference Elevations: **1719.00 ft (KB)**

1710.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **86.59 psig @ 3927.00 ft (KB)**

Start Date: **2010.12.16**

End Date:

2010.12.17

Start Time: **23:18:05**

End Time:

07:04:29

Capacity: **8000.00 psig**

Last Calib.: **2010.12.17**

Time On Btm: **2010.12.17 @ 01:10:00**

Time Off Btm: **2010.12.17 @ 04:45:45**

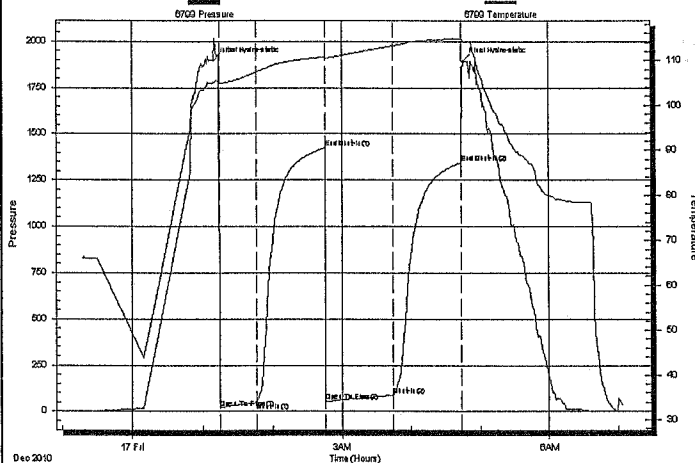
TEST COMMENT: IF: Weak blow, built to 5.5" in bucket.

IS: Bled off, no blow back.

FF: Weak blow, built to 5" in bucket.

FS: Bled off, no blow back.

Pressure vs. Time



PRESSURE SUMMARY

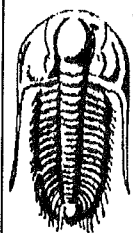
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.67	105.00	Initial Hydro-static
5	16.98	104.96	Open To Flow (1)
36	47.12	107.36	Shut-In(1)
95	1422.12	110.73	End Shut-In(1)
96	52.46	110.49	Open To Flow (2)
155	86.59	113.27	Shut-In(2)
215	1346.91	114.83	End Shut-In(2)
216	1892.16	114.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	SOCM 7%o 93%m	0.20
40.00	OSMW 2%o 38%m 60%w	0.20
60.00	SMCW 5%o 95%w	0.30

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

DELBERT #1

525 S. Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39309

DST#: 3

ATTN: Jon F. Messenger

Test Start: 2010.12.16 @ 23:18:00

Tool Information

Drill Pipe:	Length: 3696.00 ft	Diameter: 3.80 inches	Volume: 51.85 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: 220.00 ft	Diameter: 2.25 inches	Volume: 1.08 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 52.93 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3926.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3903.00	
Hydraulic tool	5.00			3908.00	
Jars	5.00			3913.00	
Safety Joint	3.00			3916.00	
Packer	5.00			3921.00	28.00 Bottom Of Top Packer
Packer	5.00			3926.00	
Stubb	1.00			3927.00	
Recorder	0.00	8648	Inside	3927.00	
Recorder	0.00	6799	Inside	3927.00	
Perforations	10.00			3937.00	
Bullnose	5.00			3942.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

DELBERT #1

525 S.Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39309

DST#: 3

ATTN: Jon F. Messenger

Test Start: 2010.12.16 @ 23:18:00

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: 127000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	SOCM 7%o 93%m	0.197
40.00	OSMW 2%o 38%m 60%w	0.197
60.00	SMCW 5%m 95%w	0.295

Total Length: 140.00 ft Total Volume: 0.689 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

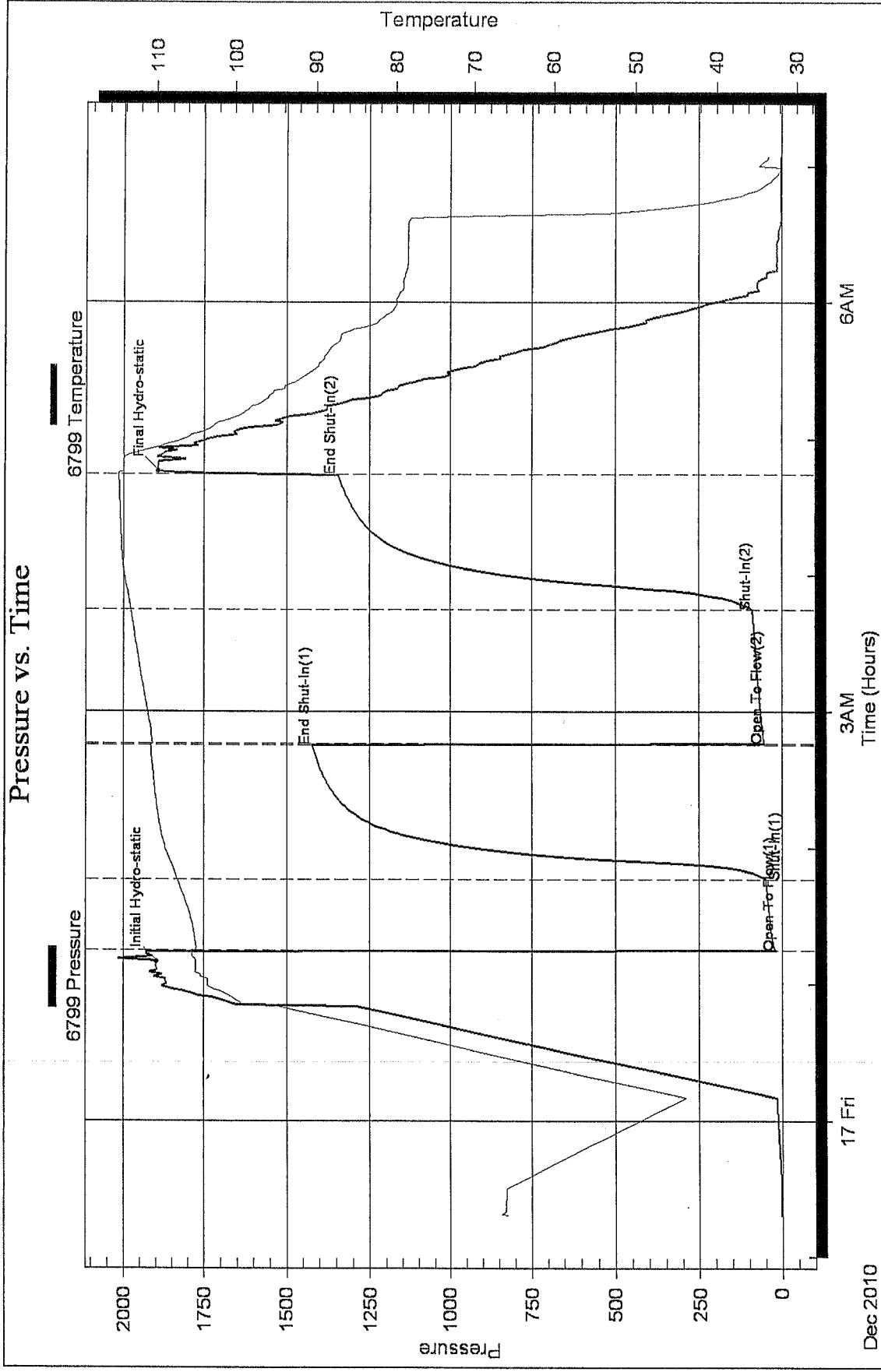
Serial #:

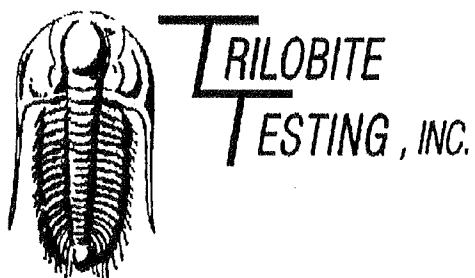
Laboratory Name:

Laboratory Location:

Recovery Comments: rw = .13 ohm @ 36f = 127000ppm chlorides

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

525 S.Main
Kingman, KS 67068

ATTN: Jon F. Messenger

11-29s-9w Kingman KS

DELBERT #1

Start Date: 2010.12.18 @ 07:26:00

End Date: 2010.12.18 @ 16:28:30

Job Ticket #: 39310 DST #: 4

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum, Inc.

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

DELBERT #1

11-29s-9w Kingman KS

Job Ticket: 39310

DST#: 4

Test Start: 2010.12.18 @ 07:26:00

GENERAL INFORMATION:

Formation: **MISSISSIPPIAN**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:22:30

Time Test Ended: 16:28:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **4217.00 ft (KB) To 4231.00 ft (KB) (TVD)**

Total Depth: **2437.00 ft (KB) (TVD)**

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1719.00 ft (KB)

1710.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6799

Inside

Press@RunDepth: 118.74 psig @ 4218.00 ft (KB)

Start Date: 2010.12.18

End Date:

2010.12.18

Start Time: 07:26:05

End Time:

16:28:30

Capacity: 8000.00 psig

Last Calib.: 2010.12.18

Time On Btm: 2010.12.18 @ 10:19:30

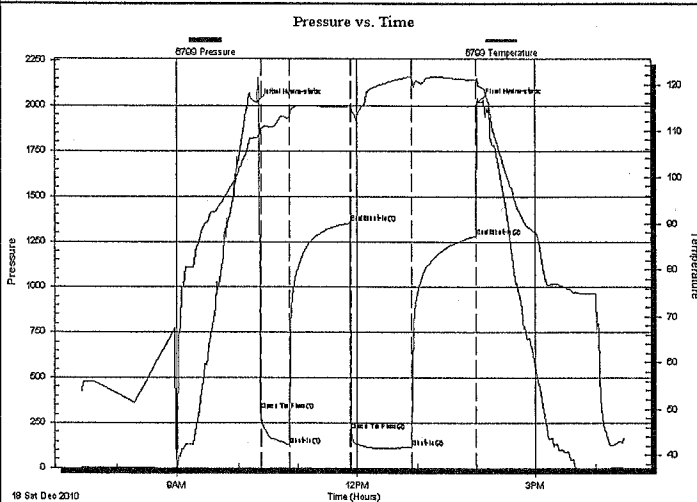
Time Off Btm: 2010.12.18 @ 14:01:45

TEST COMMENT: IF: Strong blow, BOB 10 seconds, GTS 6 minutes.

IS: Bled off, blow back built to BOB.

FF: Strong blow, BOB immediately.

FS: Bled off, blow back built to 8".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2018.76	108.57	Initial Hydro-static
3	318.53	110.27	Open To Flow (1)
33	129.46	112.78	Shut-In (1)
94	1354.07	115.27	End Shut-In (1)
95	208.09	115.10	Open To Flow (2)
155	118.74	121.61	Shut-In (2)
221	1281.76	120.88	End Shut-In (2)
223	2023.82	119.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWOCM 15%g 10%w 15%o 60%o	0.30
65.00	GCMWO 20%g 25%o 25%w 30%o	0.32
65.00	MOCW 10%o 10%o 80%w	0.32
65.00	OCW 5%o 95%w	0.64
65.00	Water 100%w	0.91
0.00	150' GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	20.00	537.32
Last Gas Rate	0.50	11.00	171.34
Max. Gas Rate	0.50	37.00	346.73



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

DELBERT #1

525 S. Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39310

DST#: 4

ATTN: Jon F. Messenger

Test Start: 2010.12.18 @ 07:26:00

Tool Information

Drill Pipe:	Length: 3984.00 ft	Diameter: 3.80 inches	Volume: 55.89 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: 220.00 ft	Diameter: 2.25 inches	Volume: 1.08 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 56.97 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4217.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 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			4194.00	
Hydraulic tool	5.00			4199.00	
Jars	5.00			4204.00	
Safety Joint	3.00			4207.00	
Packer	5.00			4212.00	28.00 Bottom Of Top Packer
Packer	5.00			4217.00	
Stubb	1.00			4218.00	
Recorder	0.00	8648	Inside	4218.00	
Recorder	0.00	6799	Inside	4218.00	
Perforations	8.00			4226.00	
Bullnose	5.00			4231.00	14.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

DELBERT #1

525 S.Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39310

DST#: 4

ATTN: Jon F. Messenger

Test Start: 2010.12.18 @ 07:26:00

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: 76000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GWOCM 15%g 10%w 15%o 60%m	0.295
65.00	GCMWO 20%g 25%m 25%w 30%o	0.320
65.00	MOCW 10%m 10%o 80%w	0.320
65.00	OCW 5%o 95%w	0.638
65.00	Water 100%w	0.912
0.00	150' GIP	0.000

Total Length: 320.00 ft Total Volume: 2.485 bbl

Num Fluid Samples: 0

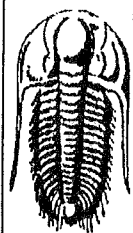
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw = .15ohm @ 48F = 76000ppm chlorides



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum, Inc.

DELBERT #1

525 S. Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39310

DST#: 4

ATTN: Jon F. Messenger

Test Start: 2010.12.18 @ 07:26:00

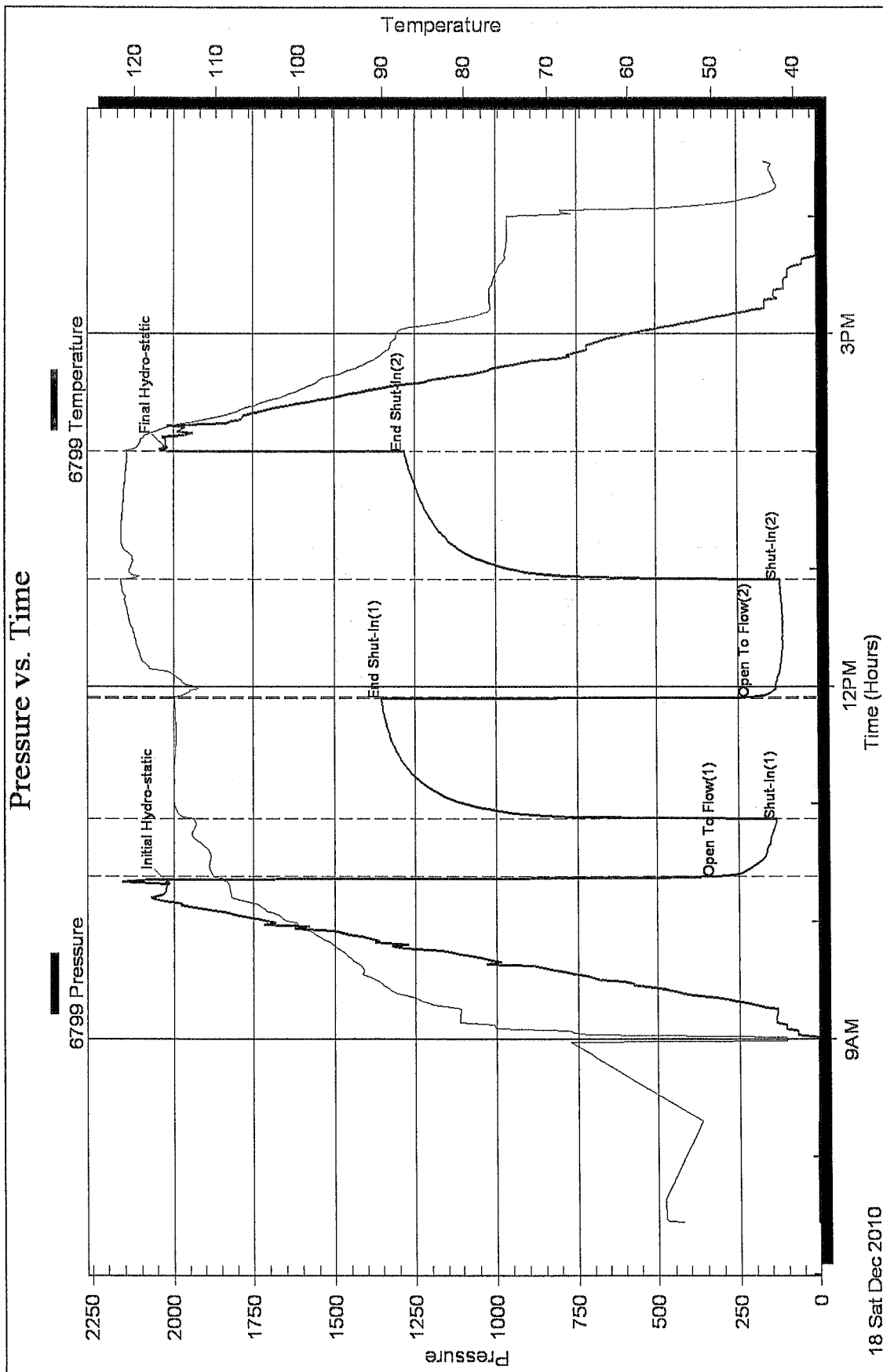
Gas Rates Information

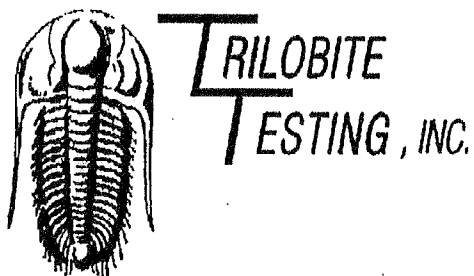
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.75	20.00	537.32
1	15	0.50	36.00	339.98
1	20	0.50	37.00	346.73
1	25	0.50	34.00	326.49
1	30	0.50	32.00	313.00
2	5	0.50	34.00	326.49
2	10	0.50	34.00	326.49
2	15	0.50	35.00	333.24
2	20	0.50	28.00	286.02
2	25	0.50	22.00	245.54
2	30	0.50	18.00	218.56
2	35	0.50	16.00	205.07
2	40	0.50	15.00	198.32
2	45	0.50	14.00	191.58
2	50	0.50	13.00	184.83
2	55	0.50	12.00	178.09
2	60	0.50	11.00	171.34

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum, Inc.**

525 S.Main
Kingman, KS 67068

ATTN: Jon F. Messenger

11-29s-9w Kingman KS

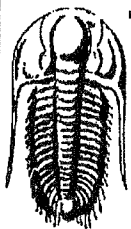
DELBERT #1

Start Date: 2010.12.19 @ 15:20:00

End Date: 2010.12.19 @ 22:30:15

Job Ticket #: 39311 DST #: 5

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Messenger Petroleum, Inc.

525 S. Main
Kingman, KS 67068

ATTN: Jon F. Messenger

DELBERT #1

11-29s-9w Kingman KS

Job Ticket: 39311

DST#: 5

Test Start: 2010.12.19 @ 15:20:00

GENERAL INFORMATION:

Formation: **VIOLA**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:41:00

Time Test Ended: 22:30:15

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4514.00 ft (KB) To 4520.00 ft (KB) (TVD)

Total Depth: 4520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1719.00 ft (KB)

1710.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6799

Inside

Press@RunDepth: 481.48 psig @ 4515.00 ft (KB)

Start Date: 2010.12.19

End Date:

2010.12.19

Capacity: 8000.00 psig

Last Calib.: 2010.12.19

Start Time: 15:20:05

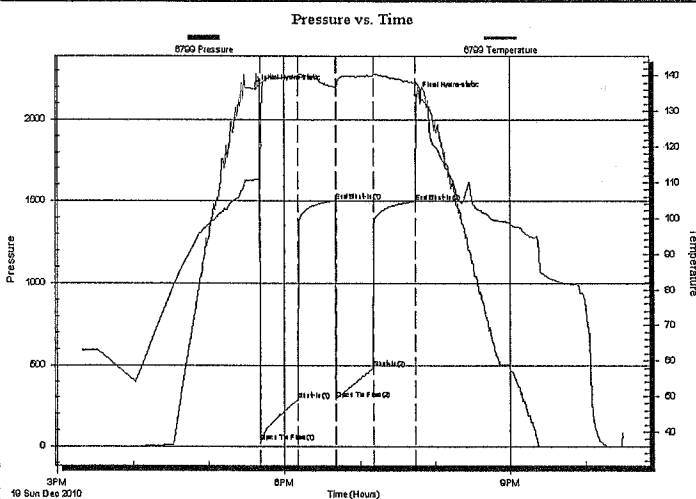
End Time:

22:30:14

Time On Btm: 2010.12.19 @ 17:37:30

Time Off Btm: 2010.12.19 @ 19:44:30

TEST COMMENT: IF: Fairly strong blow, built to BOB in 6 minutes.
IS: Bled off, weak surface blow back.
FF: Fairly strong blow, built to BOB in 7.5 minutes.
FS: Bled off, weak surface blow back.



PRESSURE SUMMARY

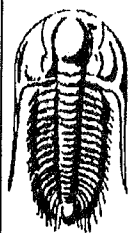
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.01	110.68	Initial Hydro-static
4	28.70	110.96	Open To Flow (1)
34	287.49	139.72	Shut-In (1)
63	1503.52	136.88	End Shut-In (1)
64	293.49	136.03	Open To Flow (2)
93	481.48	139.92	Shut-In (2)
127	1498.39	137.99	End Shut-In (2)
127	2148.21	138.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1015.00	Salt Water	12.23
0.00	150' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum, Inc.

DELBERT #1

525 S. Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39311

DST#: 5

ATTN: Jon F. Messenger

Test Start: 2010.12.19 @ 15:20:00

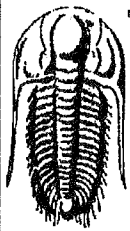
Tool Information

Drill Pipe:	Length: 4272.00 ft	Diameter: 3.80 inches	Volume: 59.92 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: 25000.00 lb
Drill Collar:	Length: 220.00 ft	Diameter: 2.25 inches	Volume: 1.08 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	61.00 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4514.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	34.00 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			4491.00	
Hydraulic tool	5.00			4496.00	
Jars	5.00			4501.00	
Safety Joint	3.00			4504.00	
Packer	5.00			4509.00	28.00 Bottom Of Top Packer
Packer	5.00			4514.00	
Stubb	1.00			4515.00	
Recorder	0.00	8648	Inside	4515.00	
Recorder	0.00	6799	Inside	4515.00	
Bullnose	5.00			4520.00	6.00 Bottom Packers & Anchor
Total Tool Length:	34.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum, Inc.

DELBERT #1

525 S.Main
Kingman, KS 67068

11-29s-9w Kingman KS

Job Ticket: 39311

DST#: 5

ATTN: Jon F. Messenger

Test Start: 2010.12.19 @ 15:20:00

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1015.00	Salt Water	12.234
0.00	150' GIP	0.000

Total Length: 1015.00 ft

Total Volume: 12.234 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

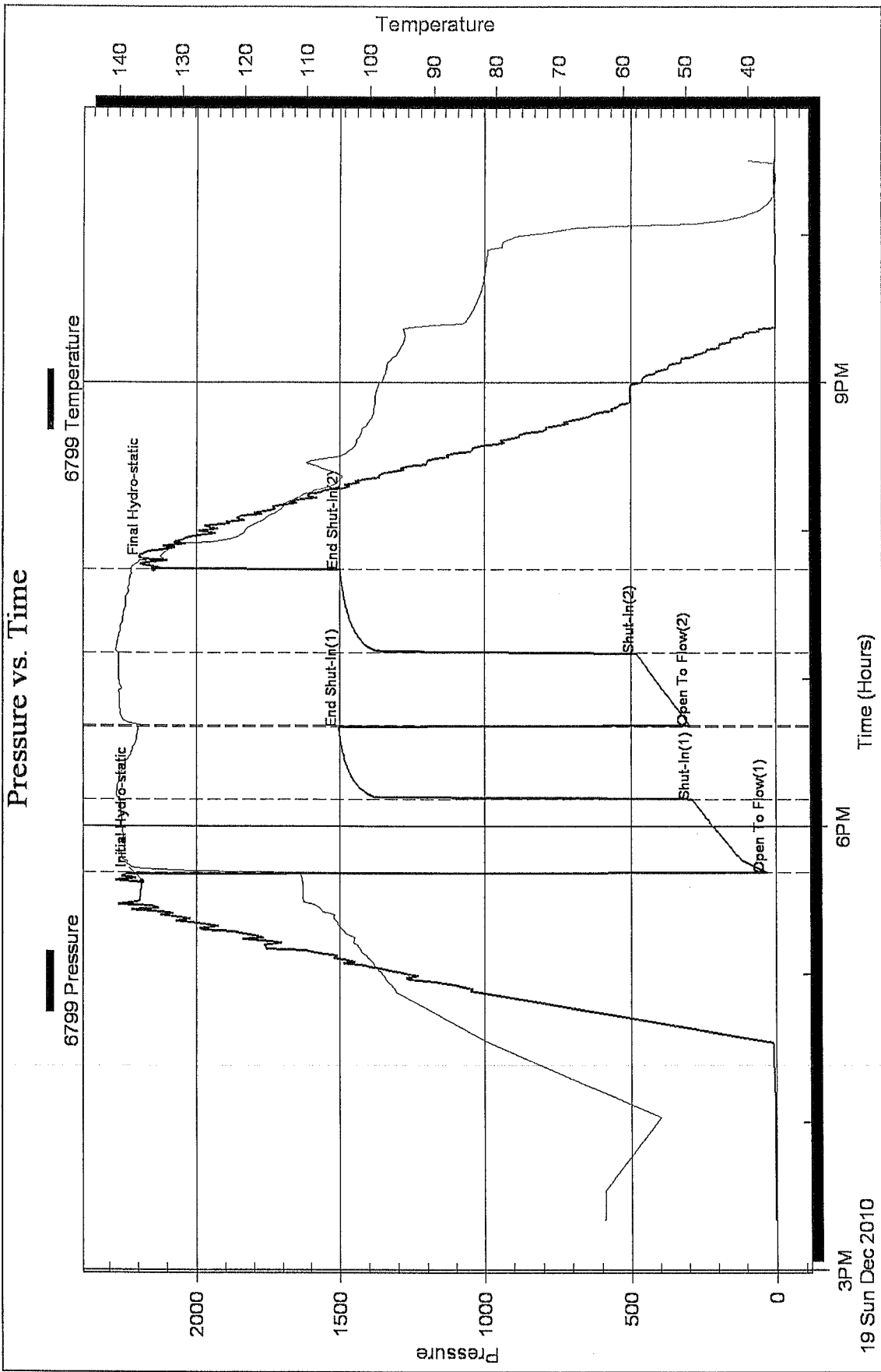
Serial #:

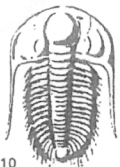
Laboratory Name:

Laboratory Location:

Recovery Comments:

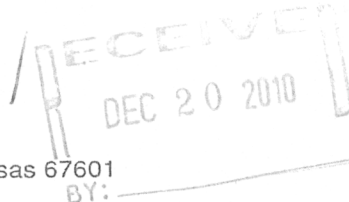
Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601



Test Ticket

NO. 039307 15203

Well Name & No. DELBERT #1 Test No. ONE Date MON 13 DECEMBER 2010
 Company MESSINGER PETROLEUM, INC. Elevation 1719 KB 1710 GL
 Address 525 S. MAIN, KINGMAN, KANSAS, 67068
 Co. Rep / Geo. JON F. MESSENGER 620.532.6047 Rig STERLING DRILL CO., RIG #4
 Location: Sec. 11 Twp. 29S Rge. 9W Co. KINGMAN State KANSAS

Interval Tested 2380 - 2437 Zone Tested INDIAN CAVE / FALL CITY
 Anchor Length 57 Drill Pipe Run 2165' (4 1/2" x 0) Mud Wt. NATIVE MUD
 Top Packer Depth 2375 Drill Collars Run 220' (6 3/4" x 2 1/2" x 0) Vis
 Bottom Packer Depth 2380 Wt. Pipe Run NONE WL
 Total Depth 2437 Chlorides _____ ppm System LCM

Blow Description IF: STRONG BLOW, B.O.B. 1 MINUTE 15 SECONDS.
ISI: BLED OFF, BLOWBACK BUILT TO 1" IN BUCKET.
FF: STRONG BLOW, BUILT TO B.O.B. IN 2 MINUTES 30 SECONDS.
FSI: BLED OFF, BLOWBACK BUILT TO 1/2" IN BUCKET.

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>WCM</u>		<u>20</u>	<u>80</u>	
<u>120</u>	<u>WM</u>		<u>40</u>	<u>60</u>	
<u>885</u>	<u>WATER</u>		<u>100</u>		

Rec Total 1125 BHT 93.3°F Gravity NA API RW 09.2 @ 40 °F Chlorides _____ ppm

(A) Initial Hydrostatic	<u>1155</u>	☒ Test	<u>1125</u>	T-On Location	<u>0615</u>
(B) First Initial Flow	<u>171</u>	☒ Jars	<u>\$250.00</u>	T-Started	<u>0750 142m</u>
(C) First Final Flow	<u>335</u>	☒ Safety Joint	<u>\$75.00</u>	T-Open	
(D) Initial Shut-In	<u>748</u>	☒ Circ Sub	<u>NO CHARGE</u>	T-Pulled	
(E) Second Initial Flow	<u>351</u>	☐ Hourly Standby		T-Out	<u>1500</u>
(F) Second Final Flow	<u>558</u>	☒ Mileage	<u>78 R.T. = \$97.50</u>	Comments	
(G) Final Shut-In	<u>744</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1147</u>	☐ Straddle		☐ Ruined Shale Packer	

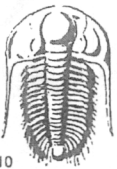
Initial Open	<u>30</u>	☐ Shale Packer	☐ Ruined Packer
Initial Shut-In	<u>60</u>	☐ Extra Packer	☐ Extra Copies
Final Flow	<u>60</u>	☐ Extra Recorder	Sub Total <u>8</u>
Final Shut-In	<u>60</u>	☐ Day Standby	Total <u>1547.50</u>
		☐ Accessibility	MP/DST Disc't
		Sub Total <u>1547.50</u>	

Approved By _____

Our Representative

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.

620.770.9479 or 785.650.7709



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039308

Well Name & No. DELBERT #1 Test No. TWO Date WED 15TH, DECEMBER 2010
 Company MESSINGER PETROLEUM, INC. Elevation 1719 KB 1710 GL
 Address 525 S. MAIN, KINGMAN, KANSAS, 67068
 Co. Rep / Geo. JON F. MESSINGER 620.532.6047 Rig STERLING DRILL CO., RIG #4
 Location: Sec. 11 Twp. 29s Rge. 9W Co. KINGMAN State KANSAS

Interval Tested 3390-3421 Zone Tested DOUGLASS
 Anchor Length 31 Drill Pipe Run 3152' (4 1/2" x 0) Mud Wt. 8.8 #/GAL
 Top Packer Depth 3385 Drill Collars Run 220' (6 3/4" x 2 1/4" x 4 1/2" x 0) Vis 43 SEC/QT
 Bottom Packer Depth 3390 Wt. Pipe Run NONE WL
 Total Depth 3421 Chlorides ppm System LCM

Blow Description IF: STRONG BLOW, B.O.B 45 SECONDS. G.T.S. 17 MINUTES.
ISI: BLED OFF, BLOWBACK AT B.O.B.
FF: STRONG BLOW, B.O.B. 5 SECONDS.
FSI: BLED OFF, BLOWBACK AT B.O.B.

Rec	Feet of	%gas	%oil	%water	%mud
<u>300</u>	<u>GASSY WATERY MUD</u>	<u>15</u>	<u>30</u>	<u>55</u>	
<u>730</u>	<u>GASSY SALT WATER</u>	<u>10</u>	<u>90</u>		
<u>—</u>	<u>GAS IN ALL FLUID FREE PIPE</u>				
<u>—</u>	<u>—</u>				
<u>—</u>	<u>—</u>				

Rec Total 1030 BHT 111°F Gravity NA API RW @ °F Chlorides ppm

(A) Initial Hydrostatic	<u>1554</u>	☒ Test	<u>\$1125.00</u>
(B) First Initial Flow	<u>165</u>	☒ Jars	<u>\$250.00</u>
(C) First Final Flow	<u>343</u>	☒ Safety Joint	<u>\$75.00</u>
(D) Initial Shut-In	<u>1302</u>	☒ Circ Sub	<u>NO CHARGE</u>
(E) Second Initial Flow	<u>354</u>	☐ Hourly Standby	
(F) Second Final Flow	<u>486</u>	☒ Mileage	<u>78 R.T. \$97.50</u>
(G) Final Shut-In	<u>1296</u>	☐ Sampler	
(H) Final Hydrostatic	<u>1552</u>	☐ Straddle	

T-On Location 0135
 T-Started 0252 (1 1/2 H)
 T-Open 0530
 T-Pulled 0836
 T-Out 1045

Comments

Initial Open 30
 Initial Shut-In 60
 Final Flow 60 30
 Final Shut-In 90 60

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby 350.00
☐ Accessibility
 Sub Total 1547.50

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1547.50 1897.50

MP/DST Disc't

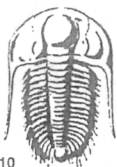
Approved By

Our Representative Jacob E. Jantunen

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.

THANK YOU!

620.770.7479 OR 785.650.7709



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

No. 039309

Well Name & No. DELBERT #1 Test No. THREE Date THURS 16TH. DECEMBER 2010
 Company MESSINGER PETROLEUM, INC. Elevation 1719 KB 1710 GL
 Address 525 S. MAIN, KINGMAN, KANSAS, 67068
 Co. Rep / Geo. JOHN F. MESSINGER 620.532.6047 Rig STERLING DRILL CO., RIG #4
 Location: Sec. 11 Twp. 29S Rge. 9W Co. KINGMAN State KANSAS

Interval Tested 3926-3942 Zone Tested SWOPE
 Anchor Length 16 Drill Pipe Run 3696 (4 1/2 XO) Mud Wt. 9.4 #/GAL
 Top Packer Depth 3921 Drill Collars Run 220 (6 1/2 x 2 1/4 x 9 1/2 XO) Vis 51 SEC/RT
 Bottom Packer Depth 3926 Wt. Pipe Run NONE WL 8.8 ML/30 MIN
 Total Depth 3942 Chlorides 4500 ppm System LCM 0 1/2 BBL

Blow Description IF: WEAK BLOW, BUILT TO 5 1/2" IN BUCKET.
ISI: BLED OFF, NO BLOWBACK.
FF: WEAK BLOW, BUILT TO 5" IN BUCKET.
FSI: BLED OFF, NO BLOWBACK

Rec <u>40</u>	Feet of <u>SOCM</u>	%gas <u>7</u>	%oil	%water <u>93</u>	%mud
Rec <u>40</u>	Feet of <u>OSMW</u>	%gas <u>2</u>	%oil <u>60</u>	%water <u>38</u>	%mud
Rec <u>60</u>	Feet of <u>SMCW</u>	%gas	%oil <u>95</u>	%water <u>5</u>	%mud
Rec <u>-</u>	Feet of <u>NO GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 140 BHT 114.8°F Gravity NA API RW 13.2 @ 36 °F Chlorides 127,000 ppm

(A) Initial Hydrostatic <u>1897</u>	☒ Test <u>\$1,125.00</u>	T-On Location <u>2250</u>
(B) First Initial Flow <u>17</u>	☒ Jars <u>\$250.00</u>	T-Started <u>2318</u>
(C) First Final Flow <u>47</u>	☒ Safety Joint <u>\$75.00</u>	T-Open <u>0114</u>
(D) Initial Shut-In <u>1422</u>	☒ Circ Sub <u>NO CHARGE</u>	T-Pulled <u>0444</u>
(E) Second Initial Flow <u>52</u>	☐ Hourly Standby	T-Out <u>0645 (FRI. 17TH)</u>
(F) Second Final Flow <u>87</u>	☒ Mileage <u>78 R.T. = \$97.50</u>	Comments
(G) Final Shut-In <u>1347</u>	☐ Sampler	
(H) Final Hydrostatic <u>1892</u>	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open <u>30</u>	☐ Extra Packer	☐ Extra Copies
Initial Shut-In <u>60</u>	☐ Extra Recorder	Sub Total <u>8</u>
Final Flow <u>60</u>	☐ Day Standby	Total <u>1547.50</u>
Final Shut-In <u>60</u>	☐ Accessibility	MP/DST Disc't
	Sub Total <u>1547.50</u>	

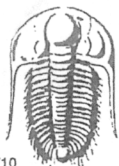
Approved By _____

Our Representative [Signature]

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.

Thank You!

620.770.9479 OR 785.650.7709



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039310

Well Name & No. DELBERT #1 Test No. FOUR SAT 2010
 Date 18th. DECEMBER
 Company MESSINGER PETROLEUM, INC. Elevation 1719 KB 1710 GL
 Address 525 S. MAIN, KINGMAN, KANSAS, 67068
 Co. Rep / Geo. JOHN F. MESSENGER 620 532 6047 Rig STERLING DRUG CO, RIG #4
 Location: Sec. 11 Twp. 29s Rge. 9w Co. KINGMAN State KANSAS

Interval Tested 4217-4231 Zone Tested MISSISSIPPIAN
 Anchor Length 14 Drill Pipe Run 3984' (4 1/2 XO) Mud Wt. 9.4 #/GAL
 Top Packer Depth 4212 Drill Collars Run 220' (6 1/2 x 2 1/4 x 4 1/2 XO) Vis 49 SEC/RT
 Bottom Packer Depth 4217 Wt. Pipe Run NONE WL 10.8 ML/30 SEC
 Total Depth 4231 Chlorides 5,000 ppm System LCM 0 #/BBL
 Blow Description IF: STRONG BLOW, BOB 10 SECONDS, GTS 6 MINUTES.

ISI: BLED OFF, BLOWBACK BUILT TO BOB.

FF: STRONG BLOW, BOB IMMEDIATELY.

FSI: BLED OFF, BLOWBACK BUILT TO 8".

Rec <u>60</u>	Feet of <u>GWOCM</u>	15 %gas	15 %oil	10 %water	60 %mud
Rec <u>65</u>	Feet of <u>GCMWO</u>	20 %gas	30 %oil	25 %water	25 %mud
Rec <u>65</u>	Feet of <u>MOCW</u>	%gas	10 %oil	80 %water	10 %mud
Rec <u>65</u>	Feet of <u>WATER OCW</u>	%gas	5 %oil	95 %water	%mud
Rec <u>65</u>	Feet of <u>WATER</u>	%gas	%oil	100 %water	%mud

Rec Total 320 BHT 121°F Gravity NC API RW 15.2 @ 48 °F Chlorides 76,000 ppm

(A) Initial Hydrostatic 2019 ☒ Test \$1,225.00 T-On Location 0640
 (B) First Initial Flow 319 ☒ Jars \$250.00 T-Started 0726
 (C) First Final Flow 129 ☒ Safety Joint \$75.00 T-Open 1022
 (D) Initial Shut-In 1354 ☒ Circ Sub NO CHARGE T-Pulled 1359
 (E) Second Initial Flow 209 ☐ Hourly Standby _____ T-Out 1615
 (F) Second Final Flow 119 ☒ Mileage 78 RT. = \$97.50 Comments _____
 (G) Final Shut-In 1282 ☐ Sampler _____
 (H) Final Hydrostatic 2024 ☐ Straddle _____ ☐ Ruined Shale Packer _____
☐ Shale Packer _____ ☐ Ruined Packer _____
☐ Extra Packer _____ ☐ Extra Copies _____
☐ Extra Recorder _____ Sub Total 8
☐ Day Standby _____ Total 11647.50
☐ Accessibility _____ MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 60
 Sub Total 11647.50

Approved By _____

Our Representative Paul J. Jambura

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.

THANK YOU!

620.770.9479 OR 785.650.7709



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039311

Well Name & No. DELBERT #1 Test No. FIVE Date SUN 19TH, DECEMBER 2010
 Company MESSINGER PETROLEUM, INC. Elevation 1719 KB 1710 GL
 Address 525 S. MAIN, KINGMAN, KANSAS, 67068
 Co. Rep / Geo. JON. F. MESSINGER 620.532.6047 Rig STERLING DRUG CO. RIG #4
 Location: Sec. U Twp. 29S Rge. 9W Co. KINGMAN State KANSAS

Interval Tested 4514 - 4520 Zone Tested VTOLA
 Anchor Length 6 Drill Pipe Run 4272' (4 1/2" X 0) Mud Wt. 9.3 #/GAL
 Top Packer Depth 4509 Drill Collars Run 220' (6 1/2" X 2 1/4" X 4 1/2" X 0) Vis 42 SEC/QT
 Bottom Packer Depth 4514 Wt. Pipe Run NONE WL 10.0 ML/30 SEC
 Total Depth 4520 Chlorides 4500 ppm System LCM 0 #/BBL

Blow Description IF: FAIRLY STRONG BLOW, BUILT TO B.O. 13 IN 6 MINUTES
ISI: BLED OFF, WEAK SURFACE BLOWBACK.
FF: FAIRLY STRONG BLOW, BUILT TO BOB IN 7 1/2 MINUTES.
FSI: BLED OFF WEAK SURFACE BLOWBACK.

Rec <u>1015</u>	Feet of <u>SALT WATER</u>	%gas	%oil <u>100</u>	%water	%mud
Rec <u>—</u>	Feet of <u>150' GAS IN PIPE</u>	%gas	%oil	%water	%mud
Rec <u>—</u>	Feet of <u>—</u>	%gas	%oil	%water	%mud
Rec <u>—</u>	Feet of <u>—</u>	%gas	%oil	%water	%mud
Rec <u>—</u>	Feet of <u>—</u>	%gas	%oil	%water	%mud

Rec Total 1015 BHT 138°F Gravity NA API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2187</u>	☒ Test <u>\$1225.00</u>	T-On Location <u>1350</u>
(B) First Initial Flow <u>29</u>	☒ Jars <u>\$250.00</u>	T-Started <u>1520</u>
(C) First Final Flow <u>287</u>	☒ Safety Joint <u>\$75.00</u>	T-Open <u>1741</u>
(D) Initial Shut-In <u>1504</u>	☒ Circ Sub <u>NO CHARGE</u>	T-Pulled <u>1944</u>
(E) Second Initial Flow <u>293</u>	☐ Hourly Standby <u>—</u>	T-Out <u>2200</u>
(F) Second Final Flow <u>481</u>	☒ Mileage <u>78 R.T. = \$97.50</u>	Comments <u>—</u>
(G) Final Shut-In <u>1498</u>	☐ Sampler <u>—</u>	<u>—</u>
(H) Final Hydrostatic <u>2148</u>	☐ Straddle <u>—</u>	☐ Ruined Shale Packer <u>—</u>

Initial Open <u>30</u>	☐ Shale Packer <u>—</u>	☐ Ruined Packer <u>—</u>
Initial Shut-In <u>30</u>	☐ Extra Packer <u>—</u>	☐ Extra Copies <u>—</u>
Final Flow <u>30</u>	☐ Extra Recorder <u>—</u>	Sub Total <u>0</u>
Final Shut-In <u>30</u>	☐ Day Standby <u>—</u>	Total <u>1647.50</u>
	☐ Accessibility <u>—</u>	MP/DST Disc't <u>—</u>
	Sub Total <u>1647.50</u>	

Approved By —

Our Representative —

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.

620.770.9479 OR 785.650.7709

Thank You!