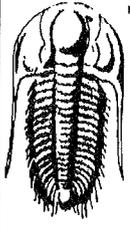


14-28s-8w

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

M.T.M. Petroleum
323 N. Main St.
Kingman, Kansas 67068
ATTN: Jerry Smith

Simons # 3
14-28s-8w Kingman Co
Job Ticket: 36858 DST#: 1
Test Start: 2010.04.13 @ 06:44:09

GENERAL INFORMATION:

Formation: **Kansas City/Hertha**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:02:09
Time Test Ended: 14:04:09
Interval: **3718.00 ft (KB) To 3758.00 ft (KB) (TVD)**
Total Depth: 3718.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

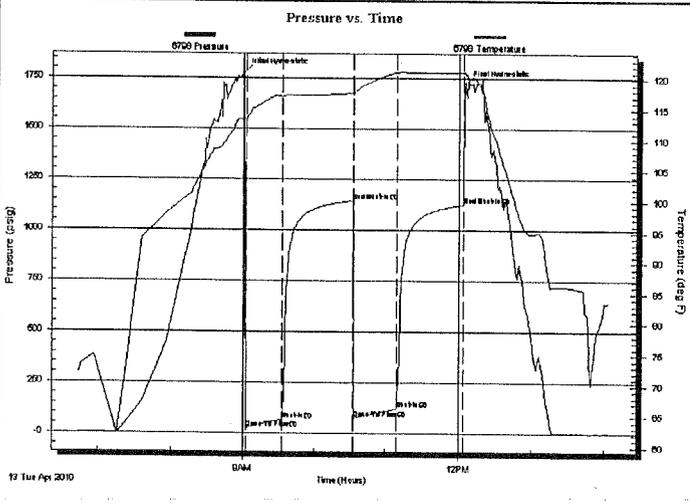
15-095-22203

Test Type: Conventional Bottom Hole
Tester: Jerry Adams
Unit No: 45
Reference Elevations: 1601.00 ft (KB)
1593.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6798 Inside
Press@RunDepth: 120.44 psig @ 3723.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.04.13 End Date: 2010.04.13 Last Calib.: 2010.04.13
Start Time: 06:44:10 End Time: 14:04:09 Time On Btm: 2010.04.13 @ 09:00:39
Time Off Btm: 2010.04.13 @ 12:06:09

TEST COMMENT: IF:Weak blow . Built to 10 1/2".
IS:No blow .
FF:Weak blow . Built to 7".
FS:No blow .

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PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1777.39	113.49	Initial Hydro-static
2	24.01	113.30	Open To Flow (1)
32	65.52	117.17	Shut-In(1)
92	1144.44	117.75	End Shut-In(1)
93	74.95	117.87	Open To Flow (2)
129	120.44	121.15	Shut-In(2)
184	1126.08	121.11	End Shut-In(2)
186	1724.37	120.76	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
180.00	SMCW w/oil scum 75%w 25%rn	2.52
0.00	RW = .068 @ 110 deg.	0.00

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)

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14-28s-8w



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

M.T.M. Petroleum

Simons # 3

323 N. Main St.
Kingman, Kansas 67068

14-28s-8w Kingman Co

Job Ticket: 36858

DST#: 1

ATTN: Jerry Smith

Test Start: 2010.04.13 @ 06:44:09

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:

72000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	SMCW w/oil scum 75%w 25%m	2.525
0.00	RW = .068 @ 110 deg.	0.000

Total Length: 180.00 ft

Total Volume: 2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

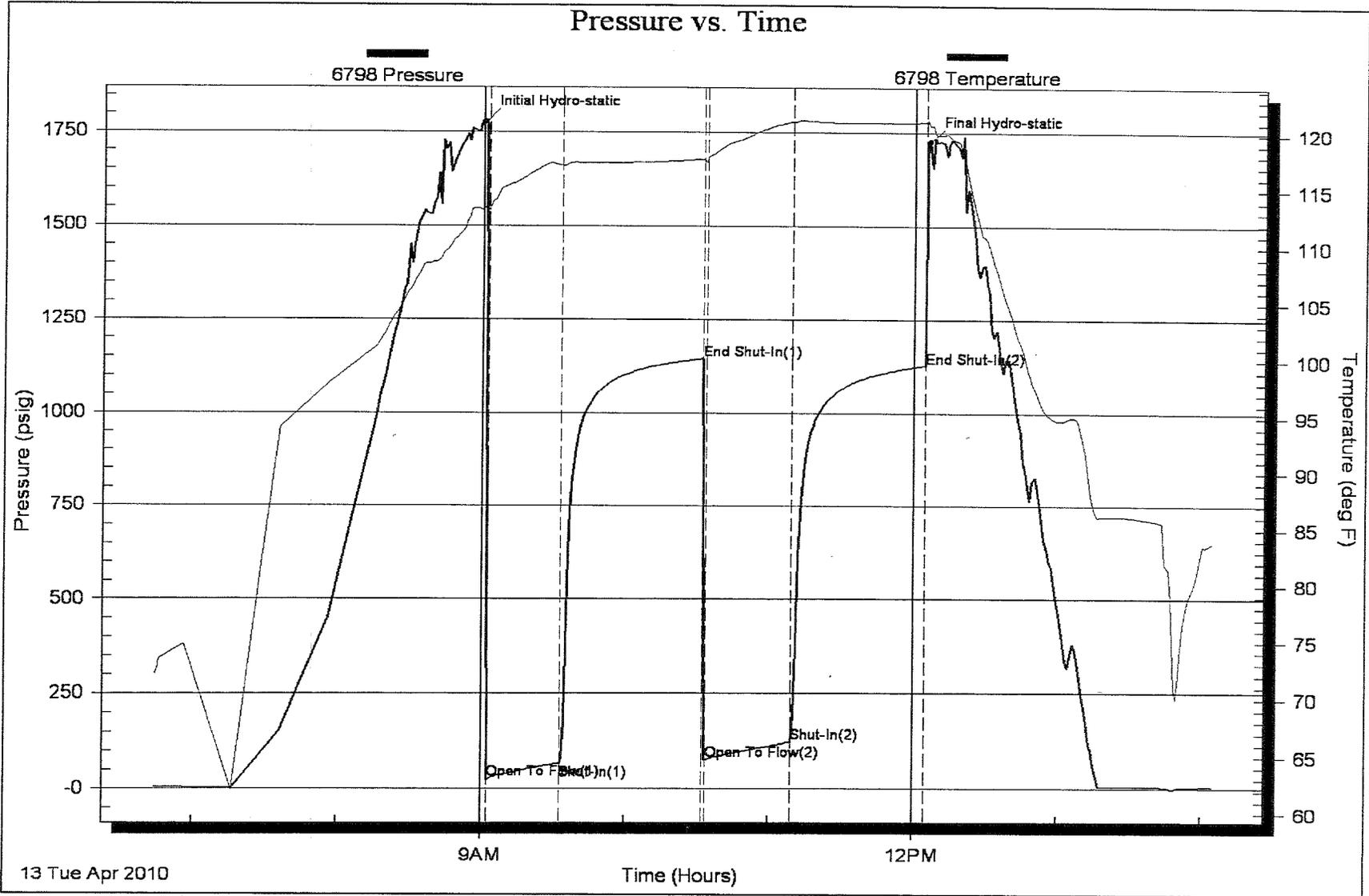
Laboratory Name:

Laboratory Location:

Recovery Comments:

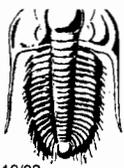
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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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Test Ticket

NO. 36858 14142

BY: _____

Well Name & No. Simons #3 Test No. 1 Date 4-13-10

Company M.T.M. Petroleum Elevation 1601 KB 1593 GL _____

Address 323 N. Main St. Kingman, Kansas 67068

Co. Rep / Geo. Jerry Smith Rig Val Drlg. #3

Location: Sec. 14 Twp. 28S Rge. 8W Co. Kingman State Ks.

Interval Tested 3718-3758 Zone Tested Kansas City / Hertha

Anchor Length 40' Drill Pipe Run 3719' Mud Wt. 9.2

Top Packer Depth 3713 Drill Collars Run 0 Vis 47

Bottom Packer Depth 3718 Wt. Pipe Run 0 WL 8.8

Total Depth 3758 Chlorides 1,800 ppm System LCM 0

Blow Description IF: Weak blow. Built to 10 1/2"

ISI: No blow.

FF: Weak blow. Built to 7"

FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>5mcw w/oil seam</u>		<u>75</u>	<u>25</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 180 BHT 121 Gravity N/C API RW .068 @ 110 °F Chlorides 72,000 ppm

(A) Initial Hydrostatic 1777 Test 1050 T-On Location 0515

(B) First Initial Flow 24 Jars _____ T-Started 0644

(C) First Final Flow 66 Safety Joint 72 T-Open 0902

(D) Initial Shut-In 1144 Circ Sub _____ T-Pulled 1205

(E) Second Initial Flow 75 Hourly Standby _____ T-Out 1404

(F) Second Final Flow 120 Mileage 90 R.T. Comments _____

(G) Final Shut-In 1126 Sampler _____

(H) Final Hydrostatic 1724 Straddle _____

Ruined Shale Packer _____

Ruined Packer _____

Extra Copies _____

Initial Open 30 Extra Packer _____

Initial Shut-In 60 Extra Recorder _____

Final Flow 37 Day Standby _____

Final Shut-In 60 Accessibility _____

Sub Total 1215 Total 1215

Approved By [Signature] Our Representative Jerry Adams

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