

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Marexco Inc**

3033 NW 63rd St
Suite 151
Oklahoma City, OK 73116

ATTN: Steve Marden

21-23s-9w Reno,KS

Wilt #1-21

Start Date: 2010.12.17 @ 16:49:22

End Date: 2010.12.18 @ 00:20:16

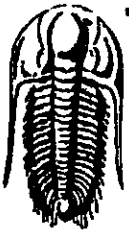
Job Ticket #: 41654 DST #: 1

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MAY 27 2011

KCC WICHITA

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

Marexco Inc
3033 NW 63rd St
Suite 151
Oklahoma City, OK 73116
ATTN: Steve Marden

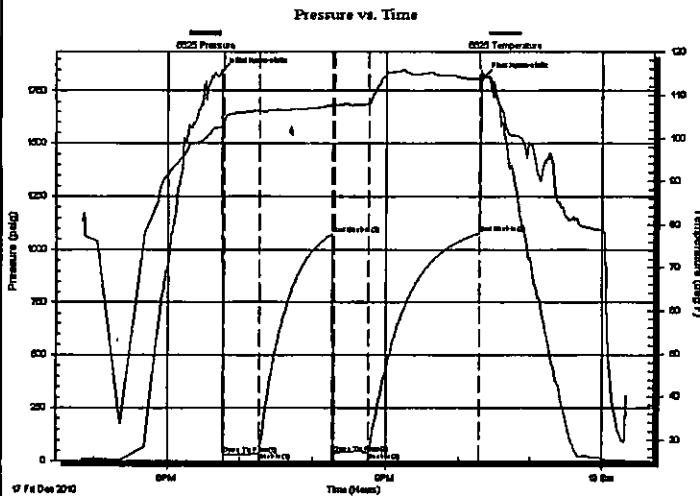
Well #1-21
21-23s-9w Reno, KS
Job Ticket: 41654 DST#: 1
Test Start: 2010.12.17 @ 16:49:22

GENERAL INFORMATION:

Formation: Miss
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:46:17
Time Test Ended: 00:20:16
Interval: 3670.00 ft (KB) To 3721.00 ft (KB) (TVD)
Total Depth: 3721.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 1742.00 ft (KB)
1732.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6625 Inside
Press@RunDepth: 41.36 psig @ 3672.00 ft (KB)
Start Date: 2010.12.17 End Date: 2010.12.18
Start Time: 16:49:22 End Time: 00:20:16
Capacity: 8000.00 psig
Last Calib.: 2010.12.18
Time On Btm: 2010.12.17 @ 18:44:47
Time Off Btm: 2010.12.17 @ 22:21:16

TEST COMMENT: IFF-strg bl thru-out
ISIP-no bl
FFP-strg bl, GTS in 25 min, to weak to gauge
FSP-no bl



PRESSURE SUMMARY

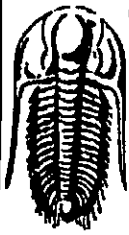
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1841.47	102.81	Initial Hydro-static
2	33.15	103.47	Open To Flow (1)
31	39.53	106.49	Shut-In(1)
92	1073.38	107.72	End Shut-In(1)
93	34.95	107.39	Open To Flow (2)
121	41.36	108.04	Shut-In(2)
213	1076.64	113.73	End Shut-In(2)
217	1818.05	114.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
65.00	SO&GCM 5% G1% O94% M	0.91

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Marexco Inc
3033 NW 63rd St
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Oklahoma City, OK 73116
ATTN: Steve Marden

Well #1-21
21-23s-9w Reno,KS
Job Ticket: 41654 DST#: 1
Test Start: 2010.12.17 @ 16:49:22

Tool Information

Drill Pipe:	Length: 3659.00 ft	Diameter: 3.80 inches	Volume: 51.33 bbl	Tool Weight: 2200.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3670.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	79.00 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			3643.00	
Shut In Tool	5.00			3648.00	
Hydraulic tool	5.00			3653.00	
Jars	5.00			3658.00	
Safety Joint	2.00			3660.00	
Packer	5.00			3665.00	28.00 Bottom Of Top Packer
Packer	5.00			3670.00	
Stubb	1.00			3671.00	
Perforations	1.00			3672.00	
Recorder	0.00	6625	Inside	3672.00	
Recorder	0.00	8700	Outside	3672.00	
Blank Spacing	32.00			3704.00	
Perforations	14.00			3718.00	
Bullnose	3.00			3721.00	51.00 Bottom Packers & Anchor

Total Tool Length: 79.00



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FLUID SUMMARY

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3033 NW 63rd St
Suite 151
Oklahoma City, OK 73116
ATTN: Steve Marden

Wilt #1-21
21-23s-9w Reno,KS
Job Ticket: 41654 DST#: 1
Test Start: 2010.12.17 @ 16:49:22

Mud and Cushion Information

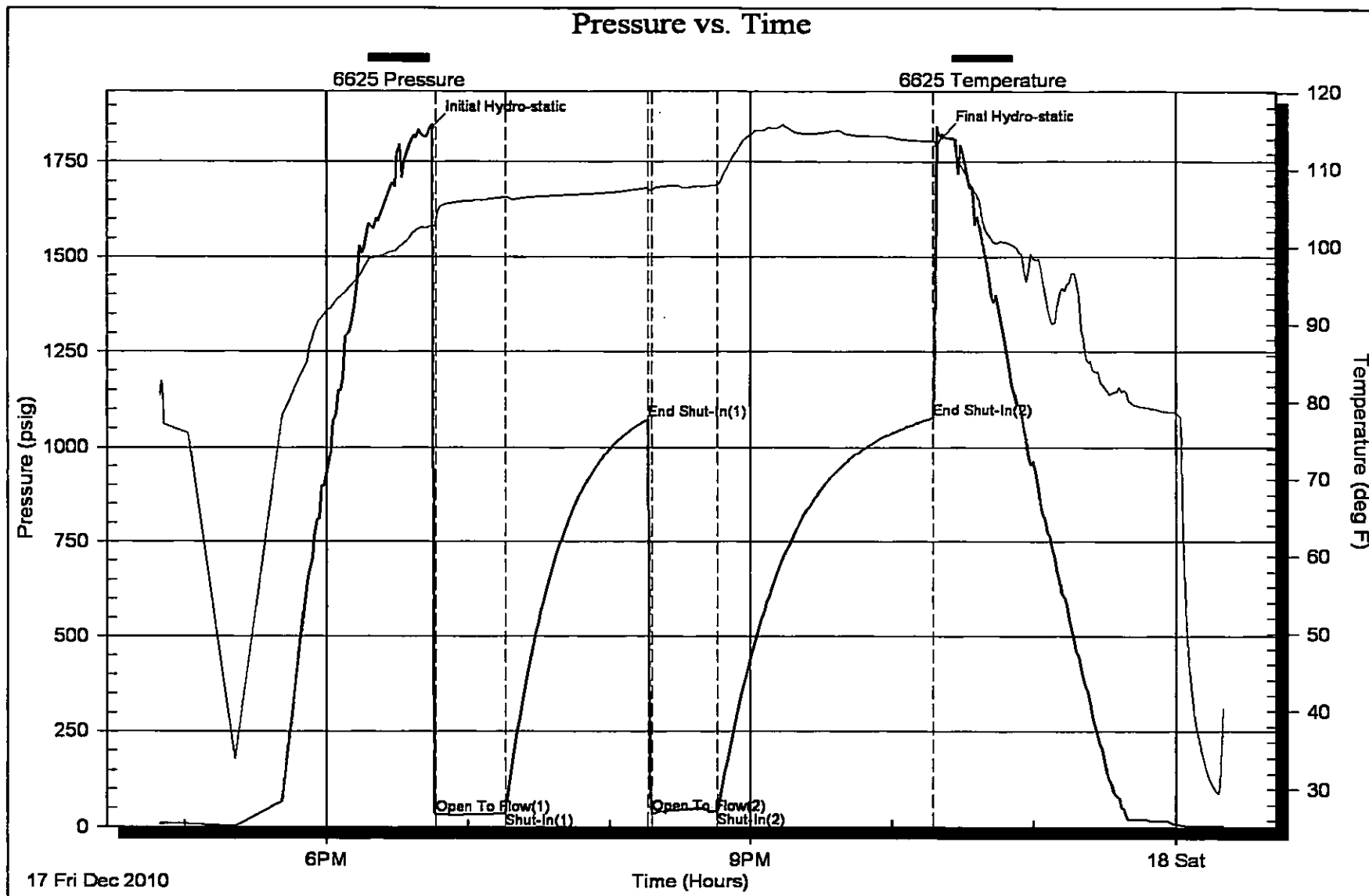
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 1.00 inches			

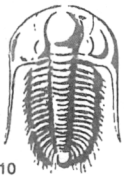
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
65.00	SO&GCM 5%G1%O94%M	0.912

Total Length: 65.00ft Total Volume: 0.912 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

DEC 20 2010

Test Ticket

NO. 041654 15195

Well Name & No. WILT #1-21 Test No. 1 Date 12-17-10
 Company MAREXCO Inc Elevation 1742 KB 1732 GL
 Address 3033 NW 63RD ST. Suite 151 OKLAHOMA CITY, OK 73116
 Co. Rep / Geo. STEVE MARDEN Rig VAL rig 6
 Location: Sec. 21 Twp. 23^S Rge. 9^W Co. RENO State _____

Interval Tested 3670-3721 Zone Tested MISS
 Anchor Length 51 Drill Pipe Run 3659 Mud Wt. 9.3
 Top Packer Depth 3665 Drill Collars Run - Vis 64
 Bottom Packer Depth 3670 Wt. Pipe Run - WL 8.8
 Total Depth 3721 Chlorides 4400 ppm System LCM -

Blow Description TFP - STRONG Blow thru-out
ISIP - NO Blow
FFP - STRONG Blow, GTS IN 25min, TO WEAK TO GAUGE
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>50+6CM</u>	<u>5</u>	<u>1</u>	<u>94</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 65 BHT 113 Gravity - API RW - @ - °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1841</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>1540</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1649</u>
(C) First Final Flow <u>39</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1850</u>
(D) Initial Shut-In <u>1073</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2220</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0020</u>
(F) Second Final Flow <u>41</u>	<input checked="" type="checkbox"/> Mileage <u>220 RT 275</u>	Comments _____
(G) Final Shut-In <u>1076</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1818</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

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

Sub Total 1725 MP/DST Disc't _____

Approved By Steve Marden Our Representative RAY SCHWAGER THANK YOU

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.