

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Lario Oil & Gas Company**

301 S Market
Wichita KS 67202

ATTN: Steve Davis

10 28 5W Kingman KS

Fearey #3-10

Start Date: 2007.09.20 @ 08:26:30

End Date: 2007.09.20 @ 15:47:30

Job Ticket #: 28744 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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TRILOBITE TESTING, INC

Lario Oil & Gas Company

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Job Ticket: 28744 **DST#: 1**

Test Start: 2007.09.20 @ 08:26:30

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:06:00
Time Test Ended: 15:47:30

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

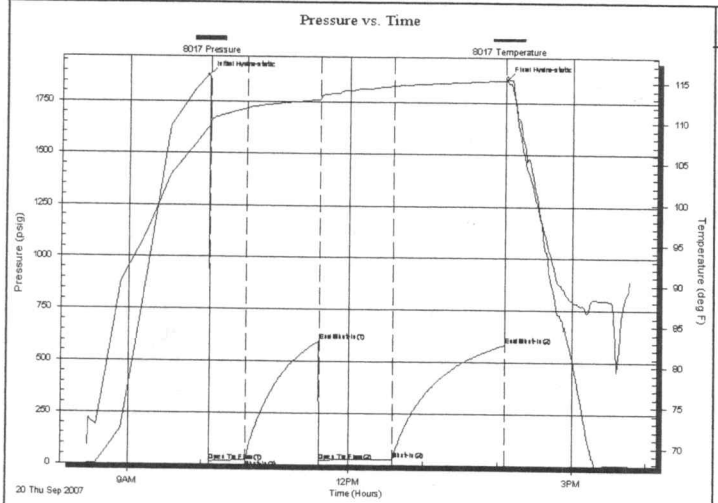
Interval: 3760.00 ft (KB) To 3789.00 ft (KB) (TVD)
Total Depth: 3789.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1422.00 ft (KB)
1414.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8017 **Inside**
Press@RunDepth: 28.05 psig @ 3764.00 ft (KB)
Start Date: 2007.09.20 End Date: 2007.09.20
Start Time: 08:26:31 End Time: 15:47:30

Capacity: 7000.00 psig
Last Calib.: 2007.09.20
Time On Btm: 2007.09.20 @ 10:04:00
Time Off Btm: 2007.09.20 @ 14:06:30

TEST COMMENT: IF BOB @ 1 1/2 min.
ISI No return
FF Immediate BOB
FSI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1876.79	109.16	Initial Hydro-static
2	13.41	109.83	Open To Flow (1)
32	20.72	111.70	Shut-In(1)
92	598.45	112.81	End Shut-In(1)
92	18.97	112.86	Open To Flow (2)
152	28.05	114.54	Shut-In(2)
242	583.85	115.30	End Shut-In(2)
243	1859.30	115.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%M	0.42

Gas Rates

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

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TOOL DIAGRAM

Lario Oil & Gas Company

301 S Market
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ATTN: Steve Davis

Fearey #3-10

10 28 5W Kingman KS

Job Ticket: 28744 **DST#: 1**

Test Start: 2007.09.20 @ 08:26:30

Tool Information

Drill Pipe:	Length:	3750.00 ft	Diameter:	3.80 inches	Volume:	52.60 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	52.60 bbl	

Drill Pipe Above KB:	18.00 ft
Depth to Top Packer:	3760.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	29.00 ft
Tool Length:	57.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1800.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	48000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	46000.00 lb
Final	46000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3733.00		
Shut In Tool	5.00			3738.00		
Hydraulic tool	5.00			3743.00		
Jars	5.00			3748.00		
Safety Joint	3.00			3751.00		
Packer	5.00			3756.00	28.00	Bottom Of Top Packer
Packer	4.00			3760.00		
Stubb	1.00			3761.00		
Perforations	3.00			3764.00		
Recorder	0.00	8017	Inside	3764.00		
Perforations	20.00			3784.00		
Recorder	0.00	13276	Inside	3784.00		
Bullnose	5.00			3789.00	29.00	Bottom Packers & Anchor
Total Tool Length:	**57.00**					

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FLUID SUMMARY

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10 28 5W Kingman KS

Job Ticket: 28744 **DST#: 1**

Test Start: 2007.09.20 @ 08:26:30

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	42.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

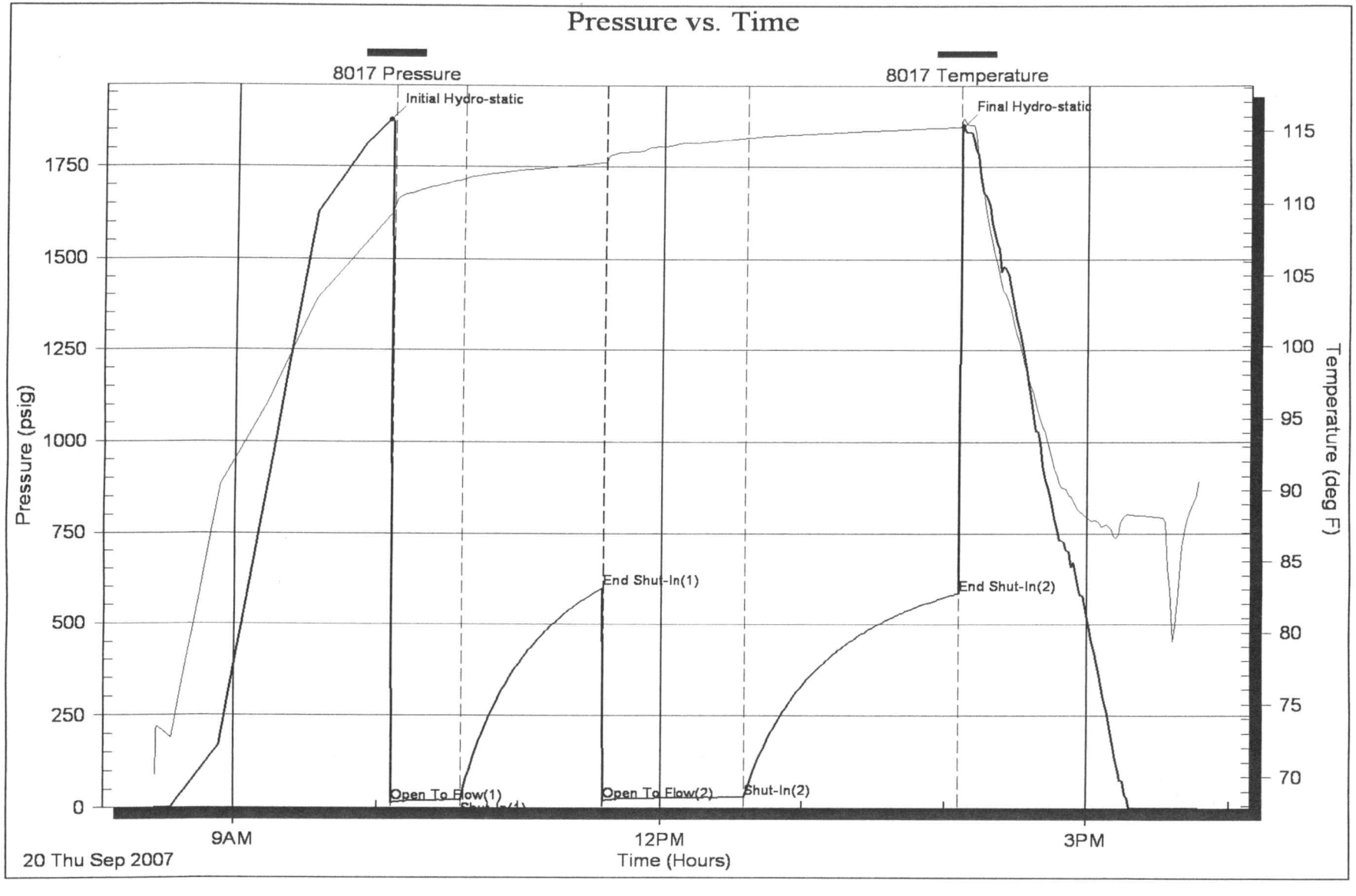
Length ft	Description	Volume bbl
30.00	100%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8017 Pressure
8017 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
75
70
9AM
12PM
3PM
20 Thu Sep 2007
Time (Hours)