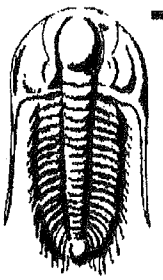
15-159-22568

17-18s-9w

IND



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Comozzi

CONFIDENTIAL
SEP 04 2008
KCC

17 18S 9W Rice KS

Beneke Twin #1-17

Start Date: 2008.05.19 @ 12:10:26

End Date: 2008.05.19 @ 22:48:26

Job Ticket #: 31136 DST #: 1

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Comozzi

Beneke Twin # 1-17

17 18S 9W Rice KS

Job Ticket: 31136 **DST#: 1**

Test Start: 2008.05.19 @ 12:10:26

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:23:26
Time Test Ended: 22:48:26

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44

Interval: 3224.00 ft (KB) To 3263.00 ft (KB) (TVD)
Total Depth: 3263.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

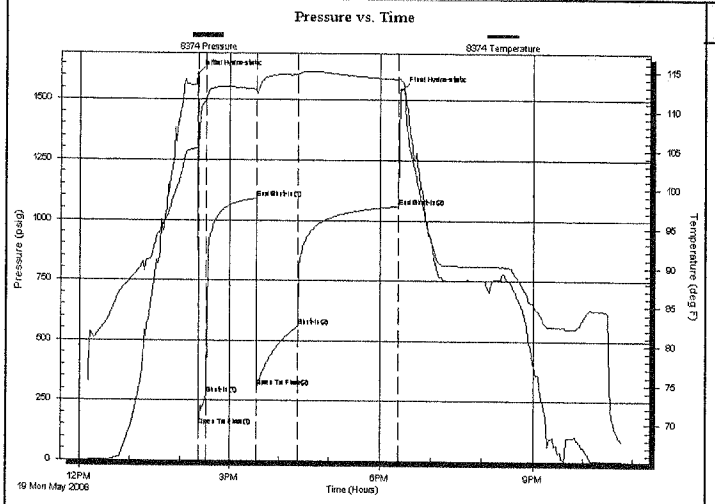
Reference Elevations: 1742.00 ft (KB)
1732.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8374 **Inside**

Press@RunDepth: 559.63 psig @ 3229.00 ft (KB)
Start Date: 2008.05.19 End Date: 2008.05.19
Start Time: 12:10:27 End Time: 22:48:26

Capacity: 7000.00 psig
Last Calib.: 2008.05.19
Time On Btm: 2008.05.19 @ 14:22:26
Time Off Btm: 2008.05.19 @ 18:25:26

TEST COMMENT: IFP BOB in 1.5 min
ISI Weak surface blow back built to 1 " died in 40 min
FFP BOB in 1.5 min
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.38	105.26	Initial Hydro-static
1	144.31	105.31	Open To Flow (1)
10	273.15	111.57	Shut-In(1)
70	1089.35	112.74	End Shut-In(1)
71	305.94	112.35	Open To Flow (2)
120	559.63	114.61	Shut-In(2)
240	1058.93	114.09	End Shut-In(2)
243	1542.90	113.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1215.00	CO	8.25
0.00	270 ' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Comozzi

Beneke Twin # 1-17

17 18S 9W Rice KS

Job Ticket: 31136 **DST#: 1**

Test Start: 2008.05.19 @ 12:10:26

Tool Information

Drill Pipe:	Length:	2916.00 ft	Diameter:	2.76 inches	Volume:	21.58 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	300.00 ft	Diameter:	2.25 inches	Volume:	1.48 bbl	
					Total Volume:	23.06 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	3224.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	39.00 ft
Tool Length:	67.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	40000.00 lb
Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3197.00		
Shut In Tool	5.00			3202.00		
Hydraulic tool	5.00			3207.00		
Jars	5.00			3212.00		
Safety Joint	2.00			3214.00		
Packer	5.00			3219.00	28.00	Bottom Of Top Packer
Packer	5.00			3224.00		
Stubb	1.00			3225.00		
Perforations	4.00			3229.00		
Recorder	0.00	8367	Inside	3229.00		
Recorder	0.00	8374	Inside	3229.00		
Perforations	31.00			3260.00		
Bullnose	3.00			3263.00	39.00	Bottom Packers & Anchor
Total Tool Length:	**67.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Comozzi

Beneke Twin # 1-17

17 18S 9W Rice KS

Job Ticket: 31136 **DST#: 1**

Test Start: 2008.05.19 @ 12:10:26

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:	58.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2900.00 ppm				
Filter Cake:	inches				

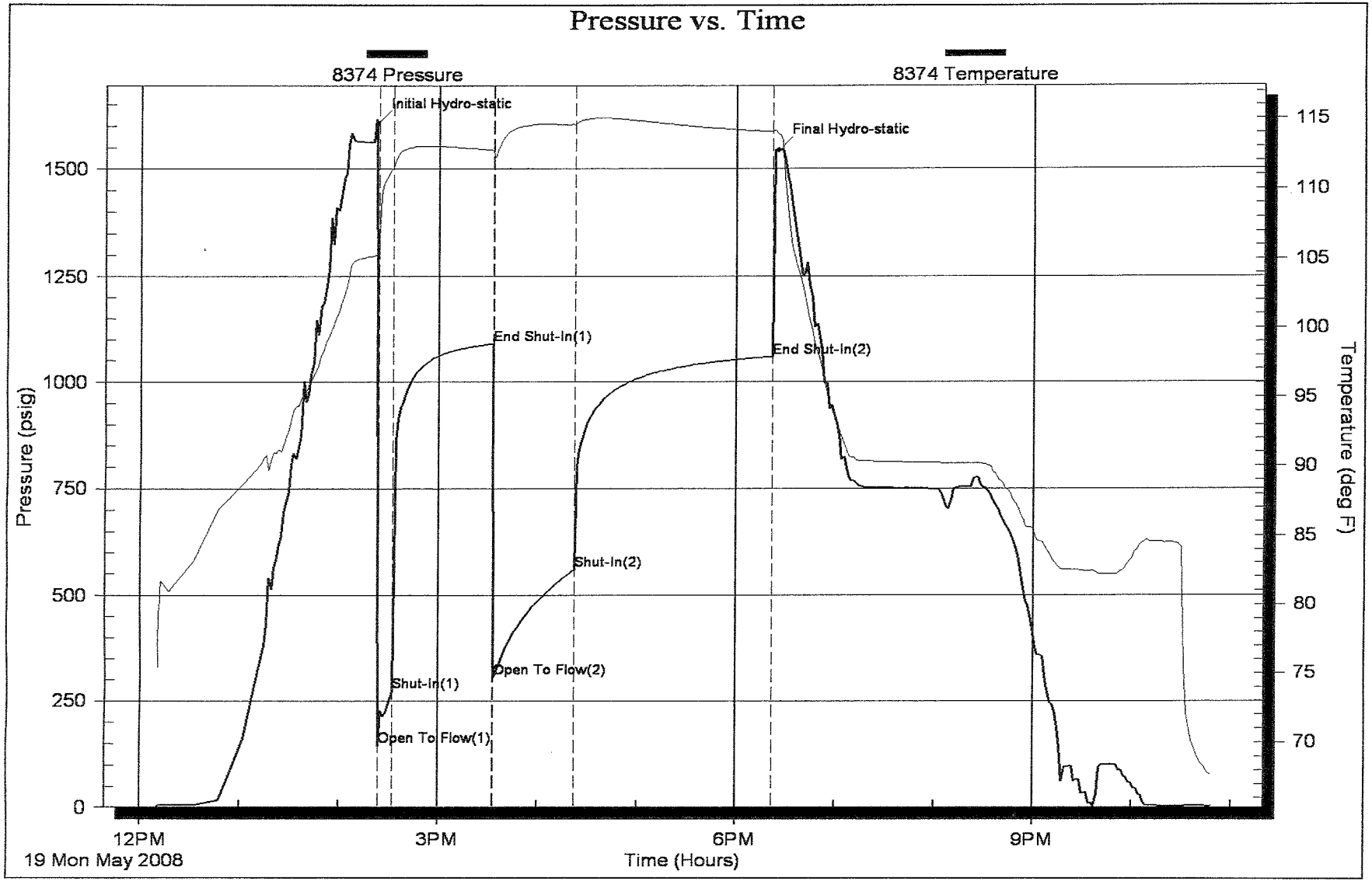
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1215.00	CO	8.246
0.00	270 ' GIP	0.000

Total Length: 1215.00 ft Total Volume: 8.246 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8374 Pressure
8374 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure (psig)
Temperature (deg F)
0
250
500
750
1000
1250
1500
70
75
80
85
90
95
100
105
110
115
12PM
19 Mon May 2008
3PM
6PM
9PM
Time (Hours)