

DRILL STEM TEST REPORT

Prepared For: **Red Oak Energy Inc.**

7701 E. Kellogg #710
Wichita KS. 67207

ATTN: Scott Banks

6-15S-40W Wallace

Popp/Smith #1-6

Start Date: 2005.06.03 @ 21:18:05

End Date: 2005.06.04 @ 06:47:05

Job Ticket #: 21613 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Red Oak Energy Inc.

7701 E Kellogg #710
Wichita KS. 67207

ATTN: Scott Banks

Popp/Smith #1-6

6-15S-40W Wallace

Job Ticket: 21613

DST#: 1

Test Start: 2005.06.03 @ 21:18:05

GENERAL INFORMATION:

Formation: **Upper Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 23:06:35

Time Test Ended: 06:47:05

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **4872.00 ft (KB) To 4920.00 ft (KB) (TVD)**

Total Depth: **4920.00 ft (KB) (TVD)**

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

Reference Elevations: **3716.00 ft (KB)**

3706.00 ft (CF)

KB to GRVCF: **10.00 ft**

Serial #: 8017 **Inside**

Press@RunDepth: **956.48 psig @ 4873.00 ft (KB)**

Start Date: **2005.06.03**

End Date: **2005.06.04**

Start Time: **21:18:08**

End Time: **06:47:05**

Capacity: **7000.00 psig**

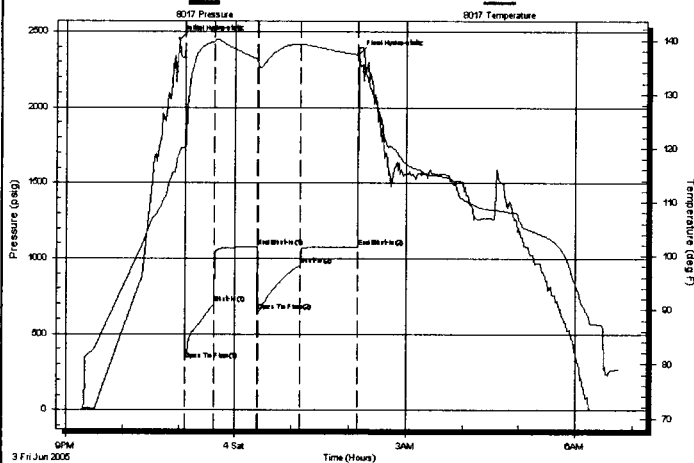
Last Calib.: **1899.12.30**

Time On Btm: **2005.06.03 @ 22:59:50**

Time Off Btm: **2005.06.04 @ 02:09:50**

TEST COMMENT: IF; Strong off btm in 3 mins
IS; Fair to strong off btm in 3 mins GTS @ 25 mins TSTM
FF; Strong off btm immediately
FS; Fair to strong off btm n 5 mins

Pressure vs. Time



PRESSURE SUMMARY

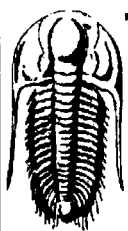
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2450.08	119.15	Initial Hydro-static
7	327.50	119.84	Open To Flow (1)
38	700.42	139.74	Shut-In (1)
84	1076.10	136.41	End Shut-In (1)
85	649.31	136.19	Open To Flow (2)
130	956.48	139.16	Shut-In (2)
189	1078.73	137.29	End Shut-In (2)
190	2356.50	138.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3260.00	CGO 65%g 35%oil Reversed Out to Ft	40.54

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Red Oak Energy Inc.

7701 E. Kellogg #710
Wichita KS. 67207

ATTN: Scott Banks

Popp/Smith #1-6

6-15S-40W Wallace

Job Ticket: 21613

DST#: 1

Test Start: 2005.06.03 @ 21:18:05

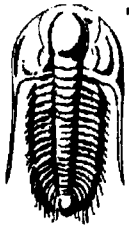
Tool Information

Drill Pipe:	Length: 4303.00 ft	Diameter: 3.80 inches	Volume: 60.36 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: 570.00 ft	Diameter: 2.25 inches	Volume: 2.80 bbl	Weight to Pull Loose:	110000.0 lb
		Total Volume:	63.16 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	82000.00 lb
Depth to Top Packer:	4872.00 ft			Final	96000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	77.00 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			4848.00	
Sampler	3.00			4851.00	
Hydraulic tool	5.00			4856.00	
Jars	5.00			4861.00	
Safety Joint	2.00			4863.00	
Packer	5.00			4868.00	29.00 Bottom Of Top Packer
Packer	4.00			4872.00	
Stubb	1.00			4873.00	
Recorder	0.00	8017	Inside	4873.00	
Perforations	9.00			4882.00	
Change Over Sub	1.00			4883.00	
Anchor	31.00			4914.00	
Change Over Sub	1.00			4915.00	
Recorder	0.00	13309	Outside	4915.00	
Bullnose	5.00			4920.00	48.00 Bottom Packers & Anchor

Total Tool Length: 77.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Red Oak Energy Inc.

Popp/Smith #1-6

7701 E Kellogg #710
Wichita KS. 67207

6-15S-40W Wallace

Job Ticket: 21613

DST#: 1

ATTN: Scott Banks

Test Start: 2005.06.03 @ 21:18:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3260.00	CGO 65%g 35%oil Reversed Out to Pft	40.537

Total Length: 3260.00 ft Total Volume: 40.537 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data;
Gas; 1700 ml

Serial #: 8017

Inside

Red Oak Energy Inc.

6-15S-40W/Wallace

DST Test Number: 1

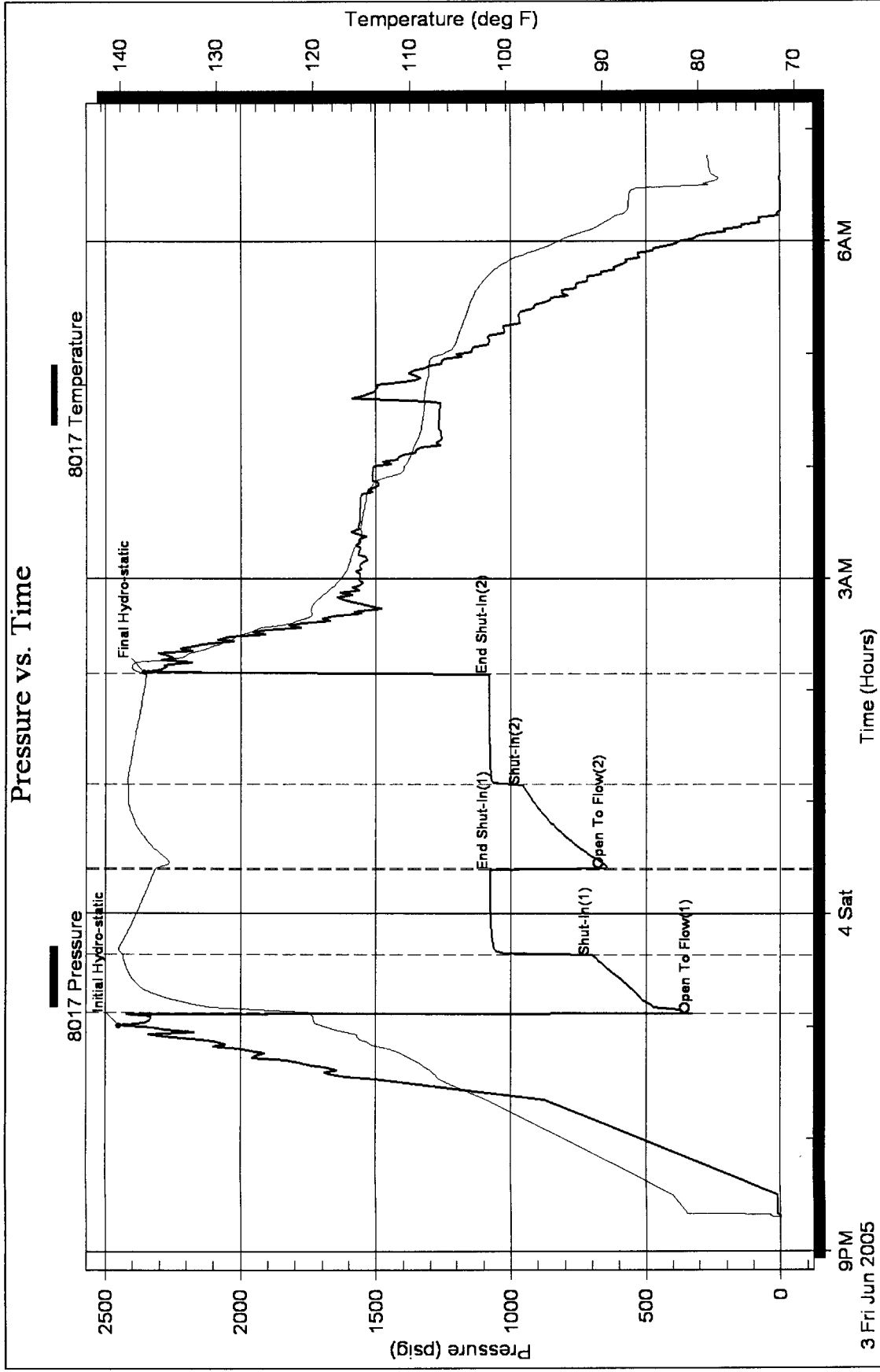


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

