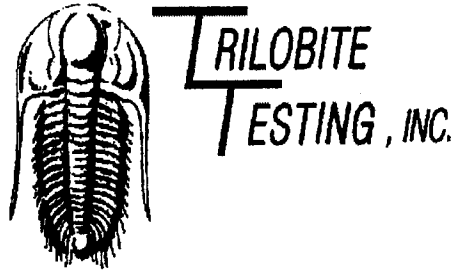


15-051-25493

18-14s-20w



DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp.**

900 N Tyler Rd # 14
Wichita Ks 67212

ATTN: Hal Porter

18-14-20-Ellis-Ks

Ruth # 18-2

Start Date: 2006.02.01 @ 18:00:27

End Date: 2006.02.02 @ 00:30:57

Job Ticket #: 24423 DST #: 1

15-051-25493-00-00

RECEIVED
MAY 11 2006
KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Imperial American Oil Corp.

Ruth # 18-2

18-14-20-Ellis-Ks

DST # 1

Arbuckle

2006.02.01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Imperial American Oil Corp.

Ruth # 18-2

900 N Tyler Rd # 14
Wichita Ks 67212

18-14-20-Ellis-Ks

Job Ticket: 24423

DST#: 1

ATTN: Hal Porter

Test Start: 2006.02.01 @ 18:00:27

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 20:19:27
 Time Test Ended: 00:30:57

Test Type: **Conventional Bottom Hole**
 Tester: **Dan Bangle**
 Unit No: **21**

Interval: **3872.00 ft (KB) To 3908.00 ft (KB) (TVD)**
 Total Depth: **3908.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2208.00 ft (KB)**
2203.00 ft (CF)
 KB to GRVCF: **5.00 ft**

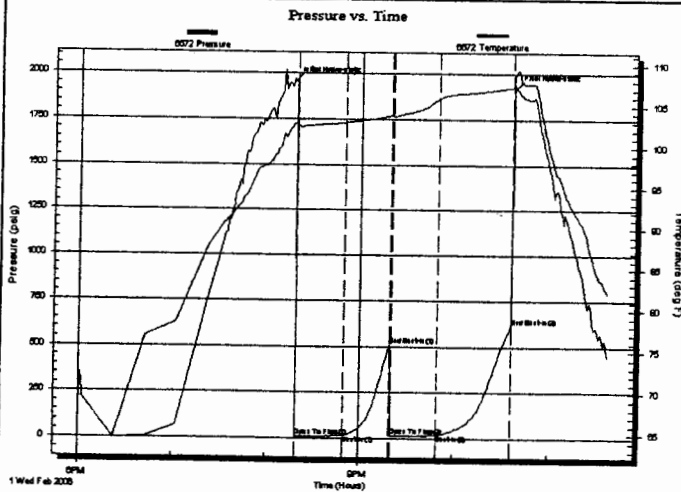
Serial #: 6672

Inside

Press@RunDepth: **18.93 psig @ 3873.00 ft (KB)**
 Start Date: **2006.02.01** End Date: **2006.02.01**
 Start Time: **18:00:28** End Time: **23:37:57**

Capacity: **7000.00 psig**
 Last Calib.: **2006.02.02**
 Time On Btm: **2006.02.01 @ 20:17:27**
 Time Off Btm: **2006.02.01 @ 22:37:57**

TEST COMMENT: IF-Weak died in 12 min
 FF-No blow
 Times-30-30-30-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1957.93	102.81	Initial Hydro-static
2	10.69	102.46	Open To Flow (1)
33	14.60	102.96	Shut-In(1)
62	506.42	103.81	End Shut-In(1)
63	15.06	103.70	Open To Flow (2)
92	18.93	105.91	Shut-In(2)
139	614.66	107.26	End Shut-In(2)
141	1922.86	109.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/ show of free oil on top	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp.

Ruth # 18-2

900 N Tyler Rd # 14
Wichita Ks 67212

18-14-20-Ellis-Ks

Job Ticket: 24423

DST#: 1

ATTN: Hal Porter

Test Start: 2006.02.01 @ 18:00:27

Tool Information

Drill Pipe:	Length: 3848.00 ft	Diameter: 3.80 inches	Volume: 53.98 bbl	Tool Weight: 2800.00 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: 28.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 54.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3872.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3852.00	
Shut In Tool	5.00			3857.00	
Hydraulic tool	5.00			3862.00	
Packer	5.00			3867.00	21.00 Bottom Of Top Packer
Packer	5.00			3872.00	
Stubb	1.00			3873.00	
Recorder	0.00	6672	Inside	3873.00	
Perforations	32.00			3905.00	
Recorder	0.00	13254	Outside	3905.00	
Bullnose	3.00			3908.00	36.00 Bottom Packers & Anchor
Total Tool Length:	57.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp.

Ruth # 18-2

900 N Tyler Rd # 14
Wichita Ks 67212

18-14-20-Ellis-Ks

Job Ticket: 24423

DST#: 1

ATTN: Hal Porter

Test Start: 2006.02.01 @ 18:00:27

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud w/ show of free oil on top	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6672

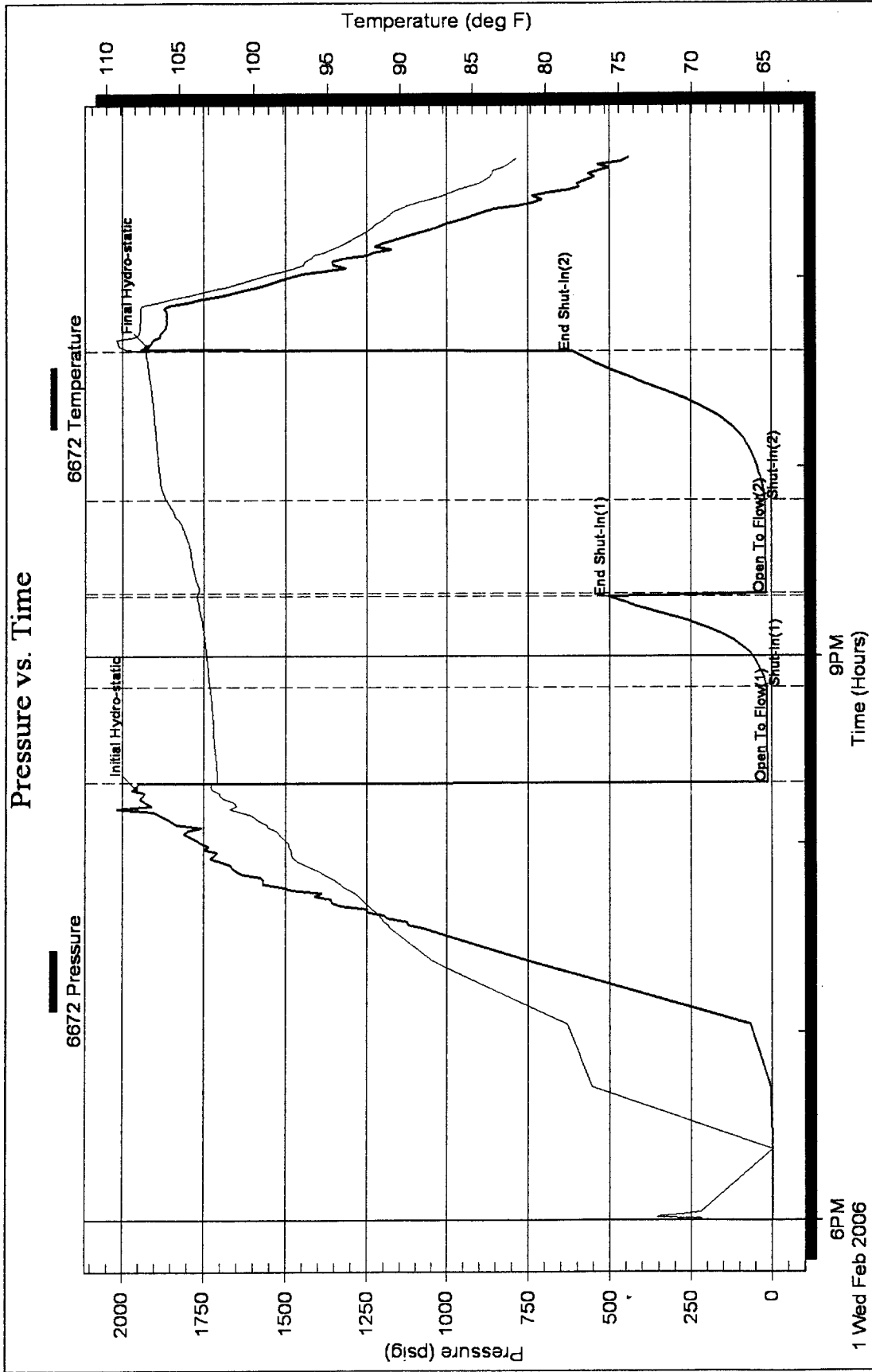
Inside

Imperial American Oil Corp.

18-14-20-Ellis-Ks

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 24423

Printed: 2006.02.08 @ 12:02:12 Page 5

CHART PAGE

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

