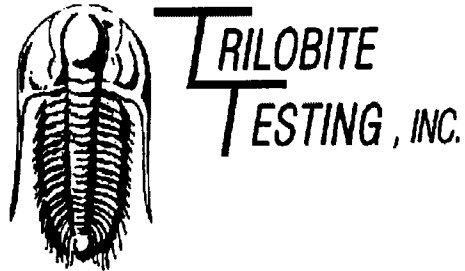


15-025-21317

15-34s-23w



DRILL STEM TEST REPORT

Prepared For: **Keith F. Walker Oil & Gas Co., LLC**

P.O. 1725
Ardmore, OK 73402

ATTN: Barry Jones

15-34s-23w

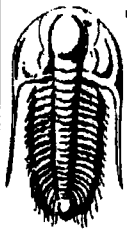
Hawkeye #15-1

Start Date: 2005.10.07 @ 20:07:30

End Date: 2005.10.08 @ 08:43:45

Job Ticket #: 21513 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

Keith F. Walker Oil & Gas Co., LLC

Hawkeye #15-1

P.O. 1725
Ardmore, OK 73402

15-34s-23w

Job Ticket: 21513

DST#: 1

ATTN: Barry Jones

Test Start: 2005.10.07 @ 20:07:30

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:09:45

Time Test Ended: 08:43:45

Test Type: Conventional Bottom Hole

Tester: Davy Cline

Unit No: 24

Interval: **5500.00 ft (KB) To 5549.00 ft (KB) (TVD)**

Total Depth: 5549.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1922.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6753

Inside

Press@RunDepth: 91.12 psig @ 5504.00 ft (KB)

Start Date: 2005.10.07

End Date:

2005.10.08

Capacity: 7000.00 psig

Last Calib.: 2005.10.08

Start Time: 20:07:31

End Time:

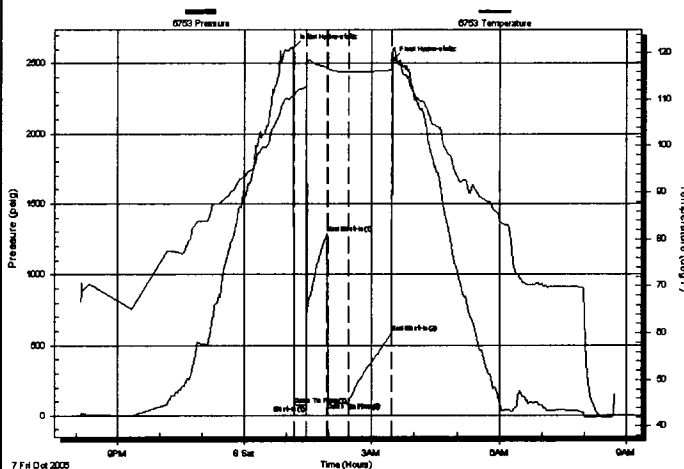
08:43:45

Time On Btm: 2005.10.08 @ 01:08:45

Time Off Btm: 2005.10.08 @ 03:28:30

TEST COMMENT: F: Strong blow . BOB 28 sec.
IS: Bled off. No blow back.
FF: Strong blow . Slow increasing BOB blow in 5 min.
FS: Bled off. No blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2609.74	110.53	Initial Hydro-static
1	76.19	110.85	Open To Flow (1)
19	72.23	112.71	Shut-in(1)
49	1285.95	116.89	End Shut-in(1)
50	91.48	116.76	Open To Flow (2)
79	91.12	115.83	Shut-in(2)
139	585.03	116.28	End Shut-in(2)
140	2520.46	119.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GCM 100% m	0.59
0.00	1200' Gas in pipe.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Keith F. Walker Oil & Gas Co., LLC

Hawkeye #15-1

P.O. 1725
Ardmore, OK 73402

15-34s-23w

Job Ticket: 21513

DST#: 1

ATTN: Barry Jones

Test Start: 2005.10.07 @ 20:07:30

Tool Information

Drill Pipe:	Length: 4890.00 ft	Diameter: 3.25 inches	Volume: 50.17 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 587.00 ft	Diameter: 2.25 inches	Volume: 2.89 bbl	Weight to Pull Loose: 11000.00 lb
		Total Volume: 53.06 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	5500.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	80.00 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			5470.00	
Shut In Tool	5.00			5475.00	
Sampler	3.00			5478.00	
Hydraulic tool	5.00			5483.00	
Jars	5.00			5488.00	
Safety Joint	2.00			5490.00	
Packer	5.00			5495.00	31.00 Bottom Of Top Packer
Packer	5.00			5500.00	
Stubb	1.00			5501.00	
Perforations	2.00			5503.00	
Change Over Sub	1.00			5504.00	
Recorder	0.00	6753	Inside	5504.00	
Blank Spacing	30.00			5534.00	
Change Over Sub	1.00			5535.00	
Perforations	11.00			5546.00	
Recorder	0.00	13400	Outside	5546.00	
Bullnose	3.00			5549.00	49.00 Bottom Packers & Anchor
Total Tool Length:		80.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Keith F. Walker Oil & Gas Co., LLC

Hawkeye #15-1

P.O. 1725
Ardmore, OK 73402

15-34s-23w

Job Ticket: 21513

DST#: 1

ATTN: Barry Jones

Test Start: 2005.10.07 @ 20:07:30

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GCM 100%m	0.590
0.00	1200' Gas in pipe.	0.000

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

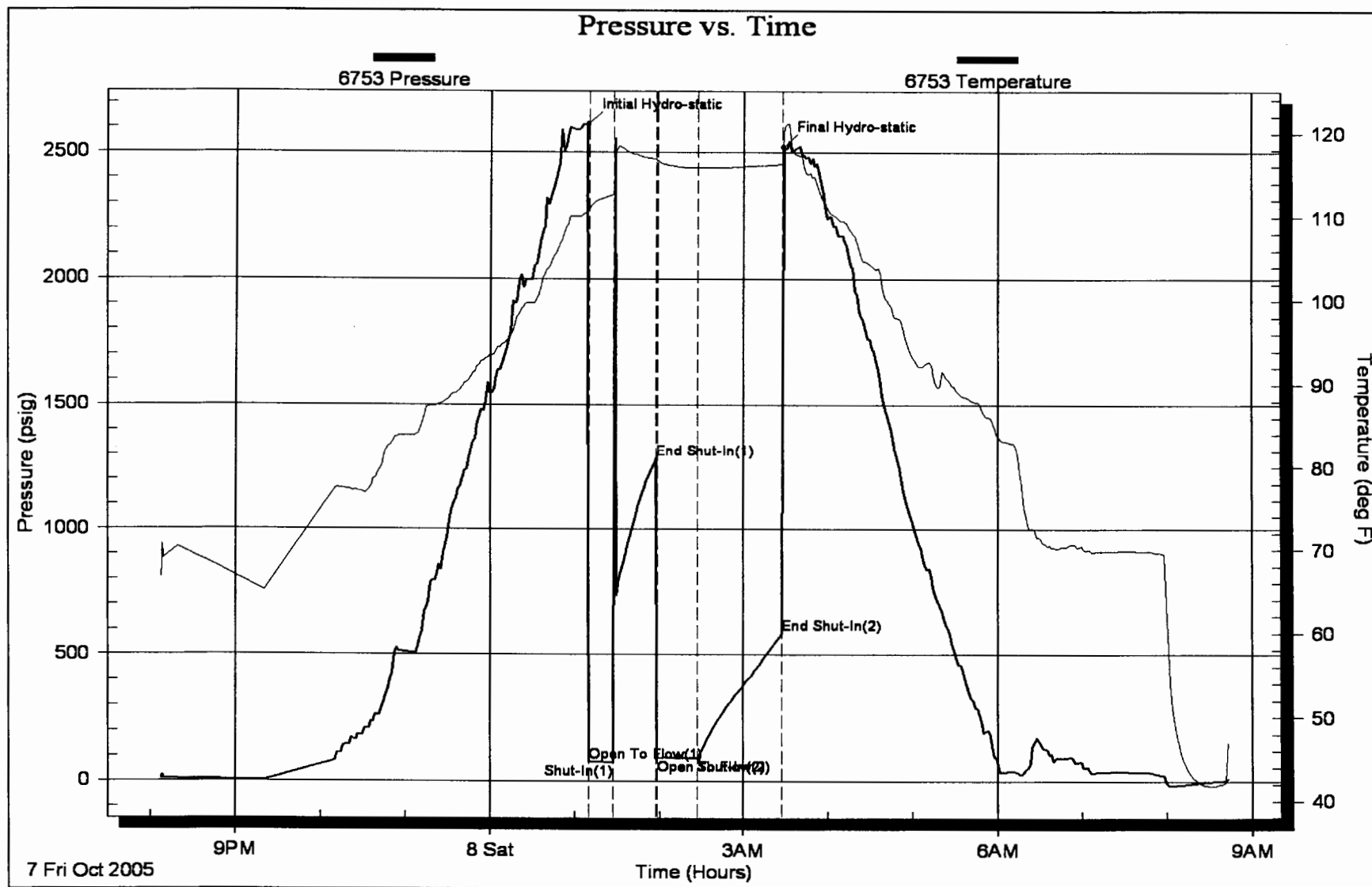
Num Gas Bombs: 0

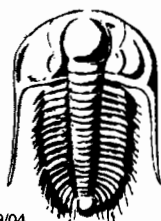
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Recovery- 900ml of GCM @ 550 lbs.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 21513

1987

Test Ticket

Well Name & No. <u>Hawkeye #15-1</u>	Test No. <u>1</u>	Date <u>10-07-05</u>
Company <u>Keith F. Walker Oil & Gas Co., LLC</u>	Zone Tested <u>Chester</u>	
Address <u>P.O. Box 1725 Ardmore, OK 73402</u>	Elevation <u>1812</u>	KB <u>1812</u> GL
Co. Rep / Geo. _____	Cont. <u>Big A - Rig 6</u>	Est. Ft. of Pay <u>—</u> Por. <u>—</u> %
Location: Sec. <u>15</u> Twp. <u>34s</u> Rge. <u>23w</u> Co. <u>Clark</u>	State <u>KS</u>	
No. of Copies <u>5</u>	Disbtribution Sheet (Y, N) <u>—</u>	Turnkey (Y, N) <u>—</u> Evaluation (Y, N) <u>—</u>

Interval Tested <u>5500 — 5549</u>	Initial Str Wt./Lbs. <u>85,000</u>	Unseated Str Wt./Lbs. <u>85,000</u>
Anchor Length <u>49'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>120,000</u>
Top Packer Depth <u>5495</u>	Tool Weight <u>2400</u>	
Bottom Packer Depth <u>5500</u>	Hole Size 7 7/8" <u>✓</u>	Rubber Size 6 3/4" <u>✓</u>
Total Depth <u>5549</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>587</u>
Mud Wt. <u>4.0</u> LCM <u>—</u> Vis. <u>45</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2" XH</u>	Ft. Run <u>4890</u>

Blow Description IF: Strong blow, BOB 28 sec.

ISI: Bled off. No blow back.

FF: Strong blow, Slow increasing BOB blow in 5 min.

FSI: Bled off. No blow back.

Recovery - Total Feet <u>120</u>	GIP <u>yes - 1200'</u>	Ft. in DC <u>120</u>	Ft. in DP <u>0</u>
Rec. <u>120</u>	Feet of <u>GCM</u>	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
BHT <u>116</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW <u>No ✓</u>	@ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>3000</u> ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2610</u> PSI	Alpine	Recorder No. <u>6753</u>	Test <u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure	<u>76</u> PSI		(depth) <u>5504</u>	Jars <u>✓</u> <u>200</u>
(C) First Final Flow Pressure	<u>72</u> PSI		Recorder No. <u>13400</u>	Safety Jt. <u>✓</u> <u>50</u>
(D) Initial Shut-In Pressure	<u>1286</u> PSI		(depth) <u>5546</u>	Circ Sub <u>✓</u> <u>NC</u>
(E) Second Initial Flow Pressure	<u>41</u> PSI		Recorder No. <u>—</u>	Sampler <u>✓</u> <u>200</u>
(F) Second Final Flow Pressure	<u>41</u> PSI		(depth) <u>—</u>	Straddle _____
(G) Final Shut-In Pressure	<u>585</u> PSI	Initial Opening <u>15</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2520</u> PSI	Initial Shut-In <u>30</u>		Shale Packer <u>✓</u> <u>150</u>
		Final Flow <u>30</u>		Ruined Packer _____
		Final Shut-In <u>60</u>		Mileage <u>✓</u> <u>192</u>
		T-On Location <u>13:30</u>		Sub Total: <u>192</u> <u>1992</u>
		T-Started <u>20:07</u>		Std. By <u>9 1/4 hrs</u> <u>200</u>
		T-Open <u>01:09</u>		Other _____
		T-Pulled <u>03:25</u>		Total: <u>\$2585.75</u>
		T-Out <u>08:43</u>		

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Approved By [Signature]
Our Representative Danny Clark

CHART PAGE

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

