



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

AAS Oil Co  
2508 Edgemont Dr Ste #4  
Arkansas City, KS 67005  
ATTN: Max Lovely

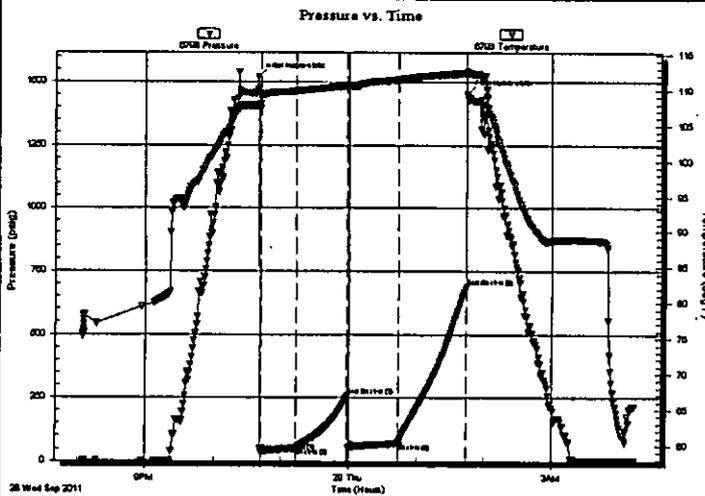
**28-34S-3E Cowley**  
**Baird 28-1**  
Job Ticket: 43992      DST#: 1  
Test Start: 2011.09.28 @ 20:04:24

### GENERAL INFORMATION:

Formation: **Cleveland**  
Deviated: **No Whipstock:**      ft (KB)  
Time Tool Opened: 22:41:39  
Time Test Ended: 04:14:54  
Interval: **2998.00 ft (KB) To 3058.00 ft (KB) (TVD)**  
Total Depth: **3058.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Leal Cason**  
Unit No: **45**  
Reference Elevations: **1162.00 ft (KB)**  
**1154.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

**Serial #: 6798**      Inside  
Press@RunDepth: **71.79 psig @ 2999.00 ft (KB)**  
Start Date: **2011.09.28**      End Date: **2011.09.29**  
Start Time: **20:04:25**      End Time: **04:14:54**  
Capacity: **8000.00 psig**  
Last Calib.: **2011.09.29**  
Time On Btm: **2011.09.28 @ 22:39:09**  
Time Off Btm: **2011.09.29 @ 01:45:24**

**TEST COMMENT:** IF: Strong Blow, BOB in 5 minutes  
IS: No Blow back  
FF: Strong Blow, BOB in 1 minute  
FSI: No Blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1518.22	107.92	Initial Hydro-static
3	37.12	108.11	Open To Flow (1)
34	51.83	109.89	Shut-In(1)
79	259.43	110.66	End Shut-In(1)
80	51.47	110.55	Open To Flow (2)
125	71.79	111.51	Shut-In(2)
186	689.11	112.45	End Shut-In(2)
187	1453.11	112.62	Final Hydro-static

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**MAR 01 2012**  
**KCC WICHITA**

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	502 GIP	0.00
58.00	SOGCM 2%O 8%G 90%M	0.29
60.00	GCM 2%G 98%M	0.30

### Gas Rates

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



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## DRILL STEM TEST REPORT

FLUID SUMMARY

AAS Oil Co

28-34S-3E Cowley

2508 Edgemont Dr Ste #4  
Arkansas City, KS 67005

Baird 28-1

Job Ticket: 43992

DST#: 1

ATTN: Max Lovely

Test Start: 2011.09.28 @ 20:04:24

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 10.49 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	502 GIP	0.000
58.00	SOGCM 2%O 8%G 90%M	0.285
60.00	GCM 2%G 98%M	0.295

Total Length: 118.00 ft      Total Volume: 0.580 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

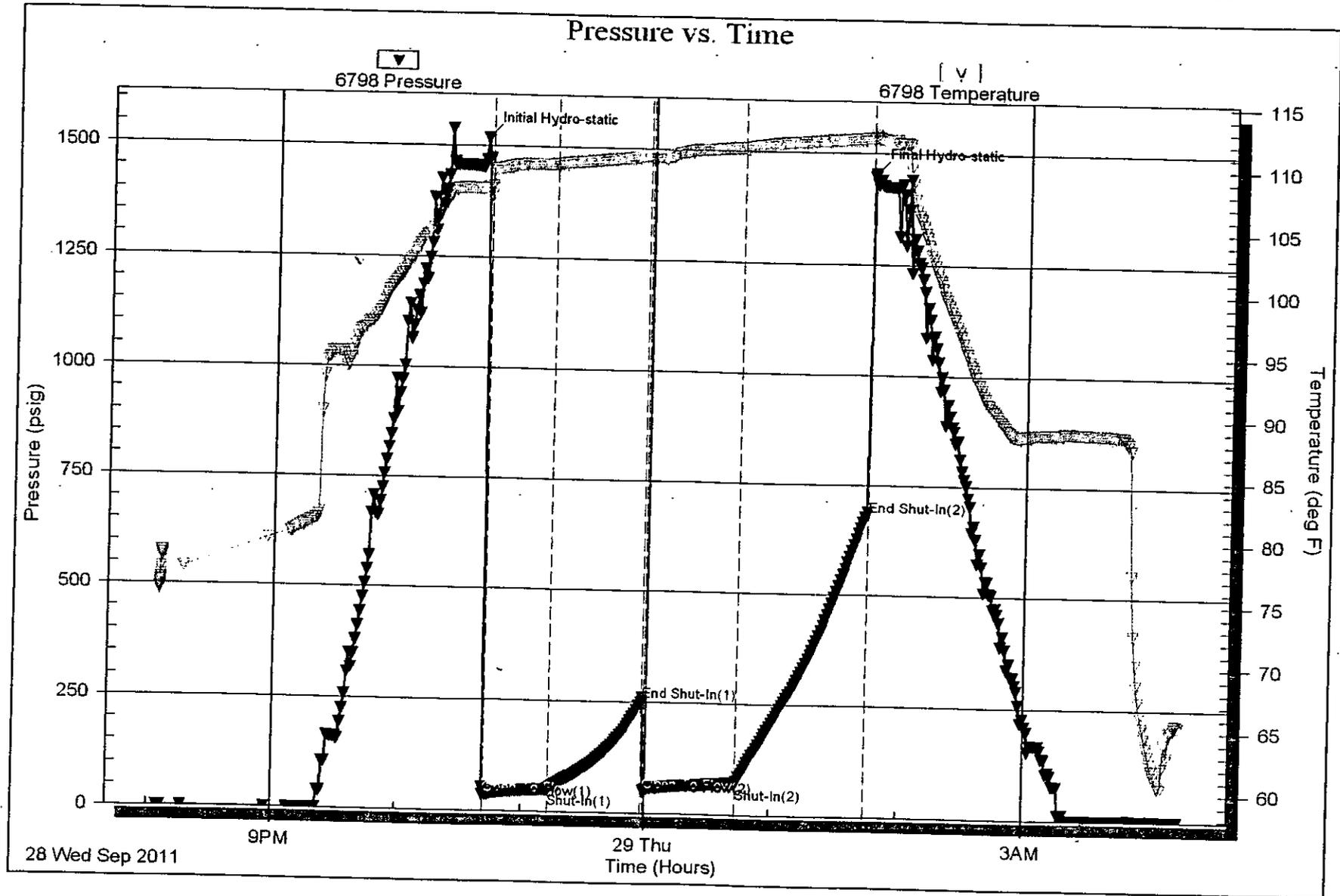
Recovery Comments:

Serial #: 6798

Inside AAS Oil Co

Baird 28-1

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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SEP 30 2011

## Test Ticket

NO. 43992 16401

4/10

BY: \_\_\_\_\_

Well Name & No. Baird 28-1 Test No. 1 Date 09/28/11

Company AAS Oil Co Elevation 1162 KB 1154 GL

Address 2508 Edgemont Dr Ste #4 Arkansas City, KS 67005

Co. Rep / Geo. Max Lovely Rig Gullick Rig 1

Location: Sec. 28 Twp. 34S Rge. 3E Co. Cowley State KS

Interval Tested 2998 - 3058 Zone Tested Cleveland

Anchor Length 60 Drill Pipe Run 2676 Mud Wt. 9.3

Top Packer Depth 2994 Drill Collars Run 307 Vis 48

Bottom Packer Depth 2998 Wt. Pipe Run 0 WL 10.5

Total Depth 3058 Chlorides 2300 ppm System LCM \_\_\_\_\_

Blow Description IF: Strong Blow, BOB in 5 minutes

ISI: NO Blowback

FF: Strong Blow, BOB in 1 minute

FSI: NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>502</u>	<u>GIP</u>				
<u>58</u>	<u>SGOCM</u>	<u>8</u>	<u>2</u>		<u>90</u>
<u>60</u>	<u>GCM</u>	<u>2</u>			<u>98</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 118 BHT 112° Gravity N/C API RW N/C @ N/C Chlorides N/C ppm

(A) Initial Hydrostatic <u>1518</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>18:30</u>
(B) First Initial Flow <u>37</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:04</u>
(C) First Final Flow <u>52</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:41</u>
(D) Initial Shut-In <u>259</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>01:44</u>
(E) Second Initial Flow <u>51</u>	<input checked="" type="checkbox"/> Hourly Standby <u>34 75</u>	T-Out <u>04:14</u> <u>934hr</u>
(F) Second Final Flow <u>72</u>	<input checked="" type="checkbox"/> Mileage <u>(280)</u> <u>392</u>	Comments _____
(G) Final Shut-In <u>689</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1453</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>8</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1917</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____

Sub Total 1917

Approved By Max Lovely Our Representative [Signature]

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