

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

OPERATOR: License # 32679  
Name: AAS Oil Company Inc.  
Address 1: 2508 Edgemont Dr. Ste. #4  
Address 2: \_\_\_\_\_  
City: Arkansas City State: KS Zip: 67005 + \_\_\_\_\_  
Contact Person: Dennis K. Shurtz  
Phone: ( 620 ) 442 7940  
CONTRACTOR: License # 32854  
Name: Gulick Drilling Company  
Wellsite Geologist: Mike Engelbretch  
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion    Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

<u>9-14-11</u>	<u>9-22-11</u>	<u>10-22-11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 035-24447-00-00

Spot Description: \_\_\_\_\_

W 2 NE SW Sec. 27 Twp. 34 S. R. 3  East  West

1,980 Feet from  North /  South Line of Section

1,650 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner: \_\_\_\_\_

- NE     NW     SE     SW

County: Cowley

Lease Name: AAS Well #: 27-1

Field Name: Black Creek

Producing Formation: Mississippi

Elevation: Ground: 1135 Kelly Bushing: 1143

Total Depth: 3798 Plug Back Total Depth: 3700

Amount of Surface Pipe Set and Cemented at: 312 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 500 bbls

Dewatering method used: Natural

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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**MAR 01 2012**

**KCC WICHITA**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: Resident Date: 2-27-12

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Dlg Date: 3/7/12

Operator Name: AAS Oil Company Inc. Lease Name: AAS Well #: 27-1  
 Sec. 27 Twp. 34 S. R. 3  East  West County: Cowley

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Arbuckle</td> <td>3767</td> <td>.2632</td> </tr> <tr> <td>Simpson</td> <td>3758</td> <td>.2623</td> </tr> <tr> <td>Mississippi</td> <td>3400</td> <td>.2265</td> </tr> </table>	Name	Top	Datum	Arbuckle	3767	.2632	Simpson	3758	.2623	Mississippi	3400	.2265
Name	Top	Datum											
Arbuckle	3767	.2632											
Simpson	3758	.2623											
Mississippi	3400	.2265											

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	23	312	Common	20	
Product	7 7/8	4 1/2	10.5	3798	Class A	170	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	Perforated Arbuckle 3767-3769, set plug 3764	200 gal. 10% MCA	3767-3769
2	Perforated Simpson 3758-3761, set plug 3748	200 gal. 10% MCA	3758-3761
2	Perforated Simpson 3734-3740, set plug 3700	Acidized 250 gal. 10% MCA	3734-3740
4	Perforated Mississippi 3396-3406	Acidized 250 gal. 15% MCA	3396-3406
		Fracture 22 sax 20/40 3.5 sax 20/20	

TUBING RECORD: Size:      Set At:      Packer At:		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>RECEIVED</b> <b>MAR 01 2012</b>
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u>KCC WICHITA</u>	
Estimated Production Per 24 Hours	Oil Bbls. 8	Gas Mcf	Water Bbls. 50
		Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676



**ENTERED**

**FIELD TICKET & TREATMENT REPORT**

TICKET NUMBER 31672  
LOCATION #180 Eldorado  
FOREMAN Jacob Storm

**CEMENT** Api # 15-035-24447-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
9-13-11	1091	AAS #27-1	27	34S	3E	cowley																
CUSTOMER AAS oil			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>446</td> <td>Jeff</td> <td></td> <td></td> </tr> <tr> <td>442</td> <td>mark</td> <td></td> <td></td> </tr> <tr> <td>511</td> <td>Jacob</td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	446	Jeff			442	mark			511	Jacob		
TRUCK #	DRIVER	TRUCK #					DRIVER															
446	Jeff																					
442	mark																					
511	Jacob																					
MAILING ADDRESS 2508 Edmont dr Suite 4																						
CITY Arkansas city		STATE KS	ZIP CODE 67005																			

*Safety meeting  
J.S. mg*

JOB TYPE Surface B HOLE SIZE 12 1/4 HOLE DEPTH 325 CASING SIZE & WEIGHT 8 5/8  
 CASING DEPTH 312 ft DRILL PIPE N/A TUBING N/A OTHER \_\_\_\_\_  
 SLURRY WEIGHT 15.5 lb SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 16 ft  
 DISPLACEMENT 19.5 bbl DISPLACEMENT PSI 200 MIX PSI 100 RATE 46 bpm

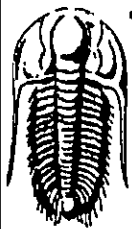
REMARKS Safety meeting, break circulation, pumped 10 bbl fresh water flush, mixed 120 sks class A 3% cc 2% gel 1/4 lb poly, displaced 19 bbl circulating cement to surface, Shut in.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 S	1	PUMP CHARGE	775.00	775.00
5406	65	MILEAGE	4.00	260.00
5407 A	65 X	7.99 ton mileage X	1.26	654.38
11045	170 SKS	class A	14.25	2422.50
1102	400 lbs	calcium chloride	0.70	280.00
1118 B	350 lbs	gel	0.20	70.00
1107	50 lbs	poly Flake	2.22	111.00
			RECEIVED	
			MAR 01 2012	
			KCC WICHITA	
			Subtotal	4572.88
			SALES TAX	196.08
			ESTIMATED TOTAL	4768.96

Revin 3737  
 AUTHORIZATION Mich Dent TITLE 244306 Tool Pusher DATE 9-13-11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

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

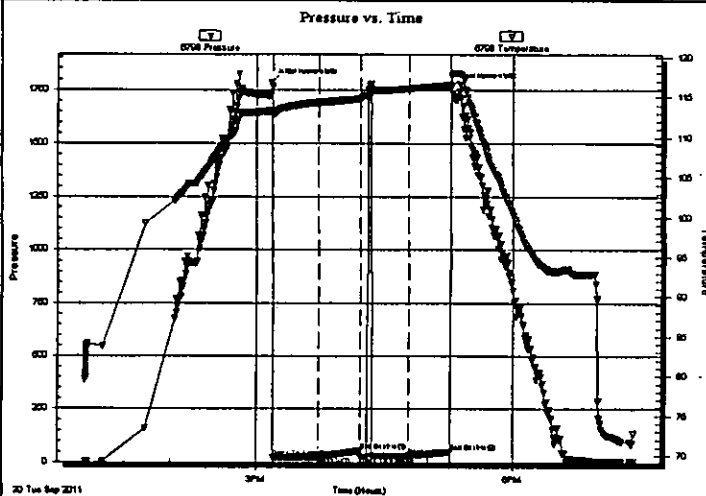
AAS 27-1  
27-34S-3E Cowley  
Job Ticket: 43986      DST#: 1  
Test Start: 2011.09.20 @ 13:00:38

### GENERAL INFORMATION:

Formation: **Simpson**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 15:11:53  
Time Test Ended: 19:24:53  
Interval: **3640.00 ft (KB) To 3744.00 ft (KB) (TVD)**  
Total Depth: **3744.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Leal Cason**  
Unit No: **45**  
Reference Elevations: **1143.00 ft (KB)**  
**1135.00 ft (CF)**  
KB to GR/CF: **8.00 ft**

Serial #: **6798** Inside  
Press@RunDepth: **31.96 psig @ 3641.00 ft (KB)** Capacity: **8000.00 psig**  
Start Date: **2011.09.20** End Date: **2011.09.20** Last Calib.: **2011.09.20**  
Start Time: **13:00:39** End Time: **19:24:53** Time On Btm: **2011.09.20 @ 15:10:23**  
Time Off Btm: **2011.09.20 @ 17:16:23**

TEST COMMENT: IF: Weak Surface Blow, Dead @ 8 minutes  
IS: No Blow  
FF: No Blow, Flushed Tool, No Blow  
FSI: No Blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1782.30	113.32	Initial Hydro-static
2	21.41	112.93	Open To Flow (1)
33	24.89	114.38	Shut-In(1)
62	52.13	114.86	End Shut-In(1)
63	25.01	114.84	Open To Flow (2)
68	26.33	115.24	Flushed Tool
96	31.96	116.13	Shut-In(2)
126	49.33	116.57	End Shut-In(2)
126	1764.13	117.70	Final Hydro-static

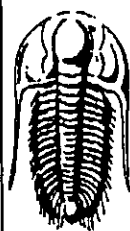
### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

### Gas Rates

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

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**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**AAS 27-1**  
**27-34S-3E Cowley**  
Job Ticket: 43986      **DST#: 1**  
Test Start: 2011.09.20 @ 13:00:38

## 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 0.20 inches			

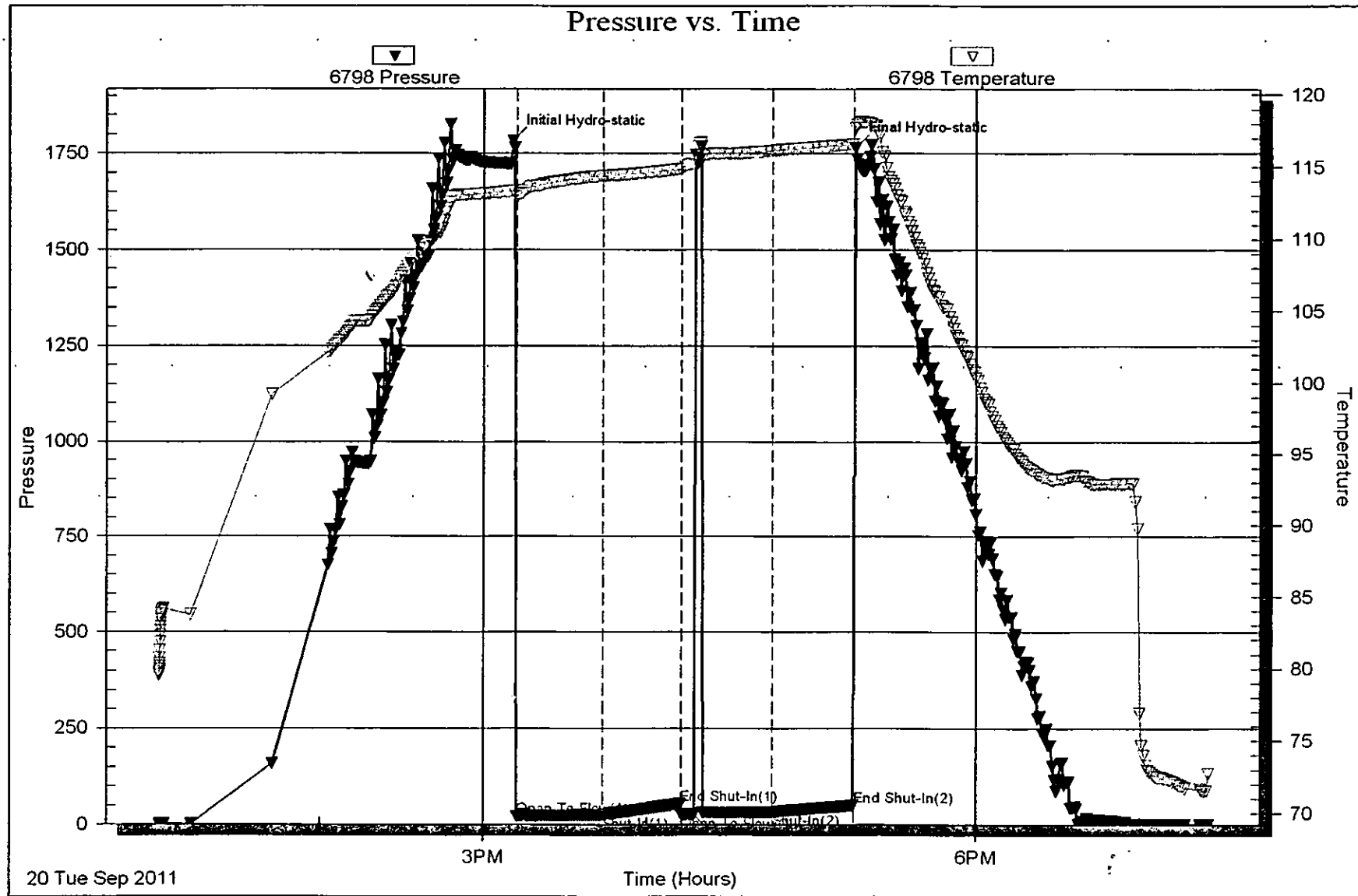
## Recovery Information

Recovery Table

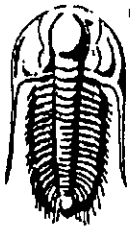
Length ft	Description	Volume bbl
5.00	Mud	0.025

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:

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**KCC WICHITA**



20 Tue Sep 2011



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

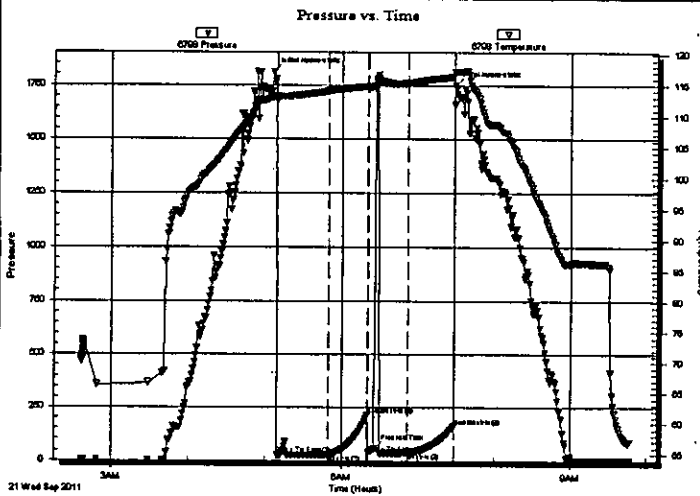
**AAS 27-1**  
**27-34S-3E Cowley**  
 Job Ticket: 43987      DST#: 2  
 Test Start: 2011.09.21 @ 02:36:47

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 05:09:17  
 Time Test Ended: 09:47:17  
 Interval: **3660.00 ft (KB) To 3765.00 ft (KB) (TVD)**  
 Total Depth: **3765.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Leal Cason  
 Unit No: 45  
 Reference Elevations: 1143.00 ft (KB)  
 1135.00 ft (CF)  
 KB to GR/CF: 8.00 ft.

Serial #: **6798**      Inside  
 Press@RunDepth: 38.38 psig @ 3661.00 ft (KB)  
 Start Date: 2011.09.21      End Date: 2011.09.21  
 Start Time: 02:36:48      End Time: 09:47:17  
 Capacity: 8000.00 psig  
 Last Calib.: 2011.09.21  
 Time On Btm: 2011.09.21 @ 05:06:32  
 Time Off Btm: 2011.09.21 @ 07:28:47

TEST COMMENT: IF: Weak Surface Blow, Dead @ 19 minutes  
 IS: No Blow  
 FF: No Blow, Flushed Tool, No Blow  
 FS: No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1811.96	113.18	Initial Hydro-static
3	29.92	112.62	Open To Flow (1)
43	28.59	114.16	Shut-In(1)
74	215.21	114.92	End Shut-In(1)
74	37.47	114.77	Open To Flow (2)
80	57.13	114.94	Flushed Tool
106	38.38	115.44	Shut-In(2)
142	162.08	116.39	End Shut-In(2)
143	1749.49	117.23	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

AAS Oil Co  
2508 Edgemont Dr STE 4  
Arkansas City, KS 67005

AAS 27-1  
27-34S-3E Cowley  
Job Ticket: 43987      DST#: 2  
Test Start: 2011.09.21 @ 02:36:47

ATTN: Max Lovely

### Mud and Cushion Information

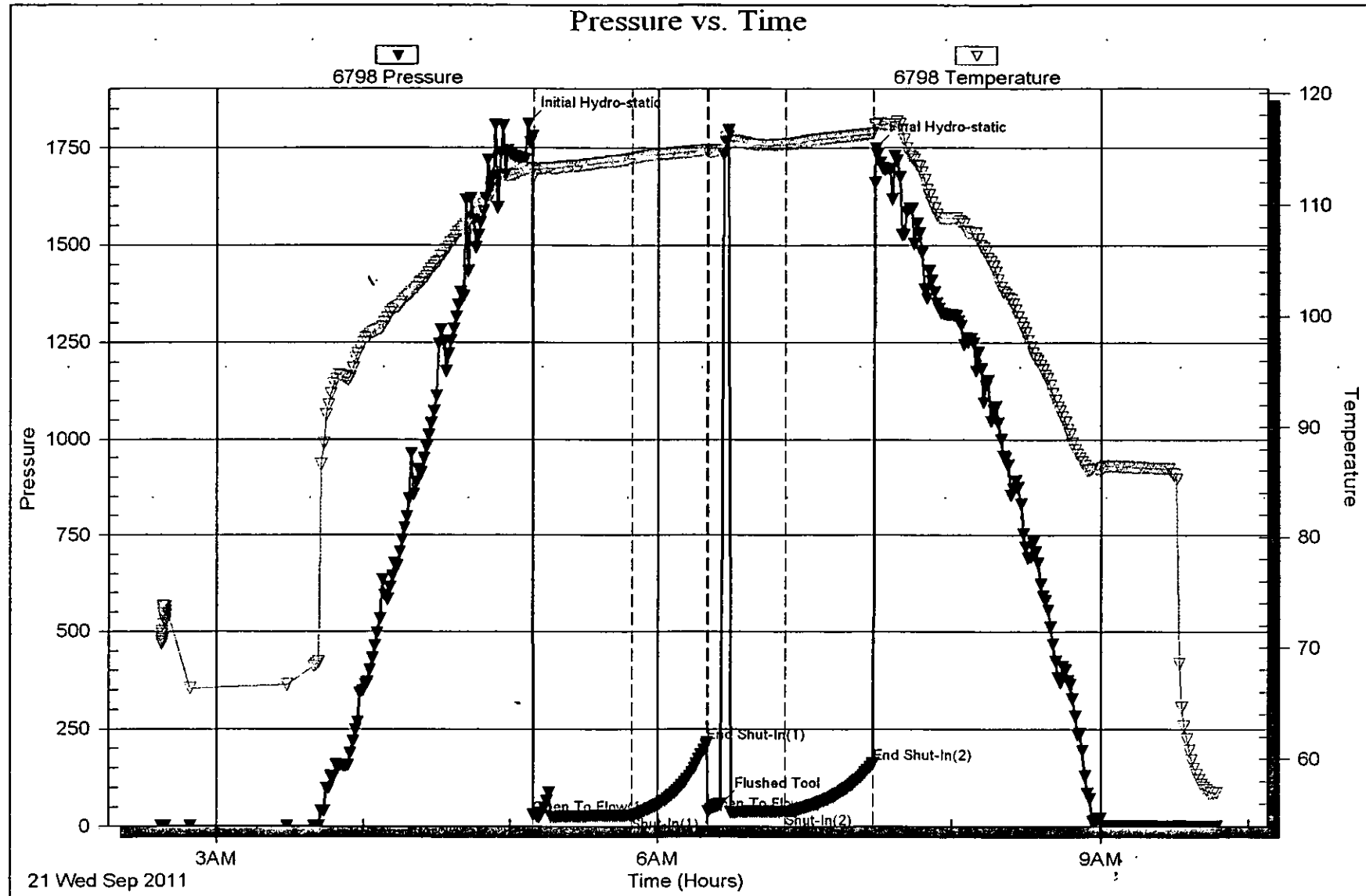
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	52.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.19 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1900.00 ppm				
Filter Cake:	0.20 inches				

### Recovery Information

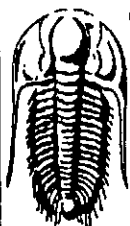
Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	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:







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

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

AAS 27-1  
27-34S-3E Cowley  
Job Ticket: 43988      DST#: 3  
Test Start: 2011.09.21 @ 16:44:11

### 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: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 0.20 inches			

### Recovery Information

Recovery Table

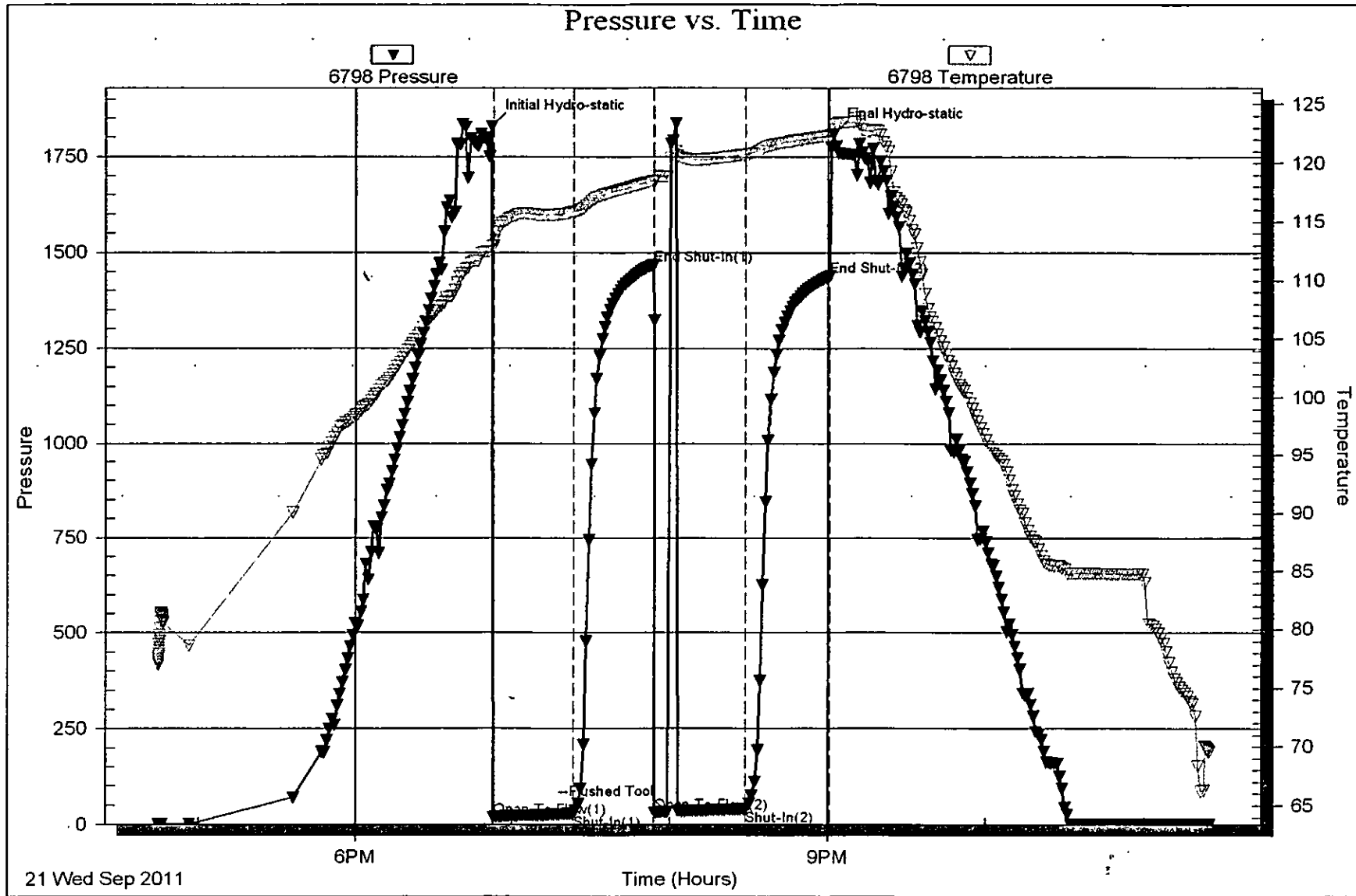
Length ft	Description	Volume bbl
8.00	Mud	0.039

Total Length: 8.00 ft      Total Volume: 0.039 bbl

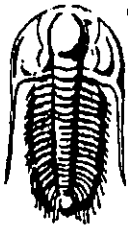
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

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

AAS 27-1  
27-34S-3E Cowley  
Job Ticket: 43989      DST#: 4  
Test Start: 2011.09.22 @ 04:49:34

**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 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

