

ORIGINAL

4/12/13

CONFIDENTIAL

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

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

OPERATOR: License # 6030
Name: Ainsworth Operating Company
Address 1: 4676 Commercial St. SE
Address 2: # 412
City: Salem State: OR Zip: 97302
Contact Person: Al Ainsworth
Phone: (503) 881-4357
CONTRACTOR: License # 33350
Name: Southwind Drilling Co.
Wellsite Geologist: Randall Killian
Purchaser: Plains Marketing

Designate Type of Completion:
New Well Re-Entry Workover
Oil WSW SWD SIOW
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 #:

12-14-11 12-20-11 1-26-12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-23690 ~00-00
Spot Description:
NW NW NE Sec. 7 Twp. 22 S. R. 11 East West
330 Feet from North / South Line of Section
2300 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE NW SE SW
County: Stafford
Lease Name: Hammeke "C" Well #: 3
Field Name: Max
Producing Formation: Arbuckle
Elevation: Ground: 1772' Kelly Bushing: 1782'
Total Depth: 3651' Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 316 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1538 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: 88000 ppm Fluid volume: 600 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: CONFIDENTIAL License #:
Quarter: APR 12 2013 S. R. East West
County: KCC Permit #: RECEIVED

APR 16 2012

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207, 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.

KCC WICHITA

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: [Handwritten Signature]
Title: Vice President Date: 4-12-12

KCC Office Use ONLY
Letter of Confidentiality Received Date: 4-12-12 to 4-12-13
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: [Signature] Date: 5-1-12

Operator Name: Ainsworth Operating Company Lease Name: Hammeke "C" Well #: 3
 Sec. 7 Twp. 22 S. R. 11 East West County: Stafford

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 type="checkbox"/> Yes <input checked="" 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: Dual Comp Porosity Log, Dual Induction Log, Microresistivity Log, Sector Bond/Gammay Ray Log	<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>Anhydrite</td> <td>521</td> <td>1261</td> </tr> <tr> <td>Heebner Shale</td> <td>3056</td> <td>-1274</td> </tr> <tr> <td>Lansing</td> <td>3210</td> <td>-1428</td> </tr> <tr> <td>BKc</td> <td>3454</td> <td>-1672</td> </tr> <tr> <td>Viola</td> <td>3482</td> <td>-1700</td> </tr> <tr> <td>Simpson Sand</td> <td>3535</td> <td>-1753</td> </tr> <tr> <td>Arbuckle</td> <td>3563</td> <td>-1781</td> </tr> </table>	Name	Top	Datum	Anhydrite	521	1261	Heebner Shale	3056	-1274	Lansing	3210	-1428	BKc	3454	-1672	Viola	3482	-1700	Simpson Sand	3535	-1753	Arbuckle	3563	-1781
Name	Top	Datum																							
Anhydrite	521	1261																							
Heebner Shale	3056	-1274																							
Lansing	3210	-1428																							
BKc	3454	-1672																							
Viola	3482	-1700																							
Simpson Sand	3535	-1753																							
Arbuckle	3563	-1781																							

CASING RECORD <input 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"	24	218'	common	300	
Production	7 7/8"	5 1/2"	14	3650'	common	125	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4 spf	3567-77	250 gal 20% MCA	3567-77

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3647</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CONFIDENTIAL
Date of First, Resumed Production, SWD or ENHR. <u>2-2-12</u>				Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>35</u>	Gas Mcf	Water Bbls. <u>1</u>	Gas-Oil Ratio KCC	Gravity <u>41</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input 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: <u>3567-77</u> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

APR 16 2012
KCC WICHITA

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 199

Date	12-15-11	Sec.	7	Twp.	22	Range	11	County	Stafford	State	Ks	On Location		Finish	2:00 AM
Lease	Hameka "C"			Well No.	3			Location	Fke + Jo's - 1 1/2 E, 5/8						
Contractor	Southwind #1							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed:						
Type Job	Surface							Charge To	Ainsworth Operating Co.						
Hole Size	12 1/4"			T.D.	318'			Street	4676 Commercial Street Ste. #412						
Csg.	8 5/8"			Depth	316'			City	Salem			State	Oregon 97302		
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool				Depth				Cement Amount Ordered	300 sx Common 3% CC						
Cement Left in Csg.	15'			Shoe Joint	15'			2 1/2 Gel. 1/2 # Flo-seal							
Meas Line				Displace	19 BLS			Common	300						
EQUIPMENT															
Pumptrk	1	No.		Cementer	Cisco			Common	300						
Bulktrk	12	No.		Driver	Brian			Poz. Mix							
Bulktrk	p.w.	No.		Driver	Rick			Gel.	9						
JOB SERVICES & REMARKS								Calcium 11							
Remarks:	Cement did Circulate							Hulls							
Rat Hole								Salt							
Mouse Hole								Flowseal	25# 150#						
Centralizers								Kol-Seal							
Baskets								Mud CLR 48							
D/V or Port Collar								CFL-117 or CD110 CAF 38							
								Sand							
								Handling	320						
								Mileage							
FLOAT EQUIPMENT															
								Guide Shoe							
								Centralizer							
								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
								Pumptrk Charge	Surface						
								Mileage	25						
CONFIDENTIAL															
APR 17 2013															
KCC															
Signature <i>[Signature]</i>															

RECEIVED
APR 16 2012

KCC WICHITA

Tax
Discount
Total Charge

QUALITY OIL WELL CEMENTING, INC.

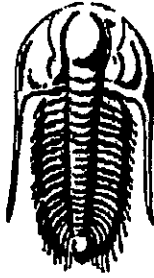
Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 550

Date	12/20/11	Sec.	7	Twp.	22	Range	11	County	St. Jo	State	KS	On Location		Finish	9:45 PM	
Lease	Hammeke "C"			Well No.	3			Location	IRE + JOE'S, 1/2 E, S into							
Contractor	Southwind Drilling Rg #1							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job	Production Spring							Charge To	Ainsworth Operating Co.							
Hole Size	7 7/8"		T.D.	3651'			Depth	3650'								
Csg.	5 1/2" 14#		Depth	3650'												
Tbg. Size			Depth													
Tool	Port Collar		Depth	1538'			City	State								
Cement Left in Csg.	23'		Shoe Joint	23'			The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	88 1/2 Bbls.			Cement Amount Ordered	1755x Cem 10% Salt 50% gelignite								
EQUIPMENT																
Pumptrk	9	No.	Cementer	Paul		Common		175								
Bulktrk	14	No.	Driver	Matt		Poz. Mix										
Bulktrk	PV	No.	Driver	Brian		Gel.										
JOB SERVICES & REMARKS																
Remarks:								Calcium								
Rat Hole	30sx							Hulls	KCL 2 gal							
Mouse Hole	20sx							Salt	15							
Centralizers	1, 3, 5, 7, 9, 11, 50							Flowseal								
Baskets	2, 12, 51							Kol-Seal	875#							
D/V or Port Collar	Jt # 51 1538'							Mud CLR 48	500 gal. / 20 Bbls. KCL							
	Port Collar Rt. Circ 30min							CFL-117 or CD110 CAF 38								
	Pump 500 gal. Mud Clear - 48							Sand								
	Plug Rat / mouse							Handling	198							
	Mix 125sx down 5 1/2"							Mileage	5 1/2" FLOAT EQUIPMENT							
	Displace							Guide Shoe								
	Land Plug							Centralizer	7 - Turbos							
	Float Hold							Baskets	3							
								AFU Inserts								
								Float Shoe	1							
								Latch Down	1 w/ Plug							
								Port Collar								
								Pumptrk Charge	prod / long string							
								Mileage	25							
CONFIDENTIAL																
APR 17 2013																
KCC																
RECEIVED APR 16 2012 KCC WICHITA																
Discount																
Total Charge																
X Signature <i>Don Weavering</i>																

Thank You!!



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ainsworth Operating Company**

4676 Commercial Street SE
Salem, OR 97302

ATTN: Randy Kilian

Hammeke #C-3

7-22s-11w Stafford,KS

Start Date: 2011.12.18 @ 20:37:21

End Date: 2011.12.19 @ 01:41:21

Job Ticket #: 44707 DST #: 1

CONFIDENTIAL

APR 12 2013

KCC

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

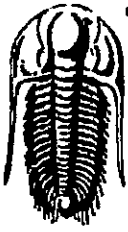
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APR 16 2012

KCC WICHITA

Printed: 2011.12.22 @ 07:39:59

Ainsworth Operating Company
7-22s-11w Stafford,KS
Hammeke #C-3
DST # 1
K-L
2011.12.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Ainsworth Operating Company
4676 Commercial Street SE
Salem, OR 97302
ATTN: Randy Kilian

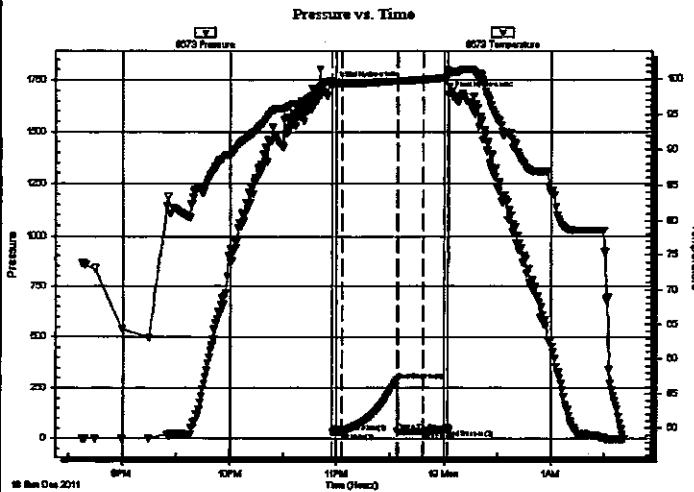
7-22s-11w Stafford,KS
Hammeke #C-3
Job Ticket: 44707 **DST#: 1**
Test Start: 2011.12.18 @ 20:37:21

GENERAL INFORMATION:

Formation: K-L
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:57:51
Time Test Ended: 01:41:21
Interval: 3396.00 ft (KB) To 3460.00 ft (KB) (TVD)
Total Depth: 3460.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 1782.00 ft (KB)
1774.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8673 Inside
Press@RunDepth: 33.50 psig @ 3432.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.12.18 End Date: 2011.12.19 Last Calib.: 2011.12.19
Start Time: 20:37:23 End Time: 01:41:21 Time On Btm: 2011.12.18 @ 22:57:36
Time Off Btm: 2011.12.19 @ 00:02:06

TEST COMMENT: IFF-Dead in 3 min.
ISI-Dead
FFP-Dead
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1725.29	99.78	Initial Hydro-static
1	31.24	98.99	Open To Flow (1)
6	32.33	99.35	Shut-In(1)
36	289.01	99.78	End Shut-In(1)
37	33.00	99.70	Open To Flow (2)
51	33.50	99.95	Shut-In(2)
65	44.30	100.22	End Shut-In(2)
65	1678.32	101.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Drilling Mud	0.08

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ainsworth Operating Company

7-22s-11w Stafford,KS

4676 Commercial Street SE
Salem, OR 97302

Hammeke #C-3

Job Ticket: 44707

DST#: 1

ATTN: Randy Kilian

Test Start: 2011.12.18 @ 20:37:21

Tool Information

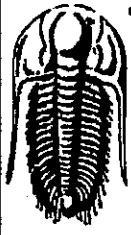
Drill Pipe:	Length: 3390.00 ft	Diameter: 3.80 inches	Volume: 47.55 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.50 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			Total Volume: 47.55 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3396.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	85.00 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			3376.00	
Shut In Tool	5.00			3381.00	
Hydraulic tool	5.00			3386.00	
Packer	5.00			3391.00	21.00 Bottom Of Top Packer
Packer	5.00			3396.00	
Stubb	1.00			3397.00	
Perforations	2.00			3399.00	
Change Over Sub	1.00			3400.00	
Blank Spacing	31.00			3431.00	
Change Over Sub	1.00			3432.00	
Recorder	0.00	8673	Inside	3432.00	
Recorder	0.00	8736	Outside	3432.00	
Perforations	25.00			3457.00	
Bullnose	3.00			3460.00	64.00 Bottom Packers & Anchor

Total Tool Length: 85.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ainsworth Operating Company

7-22s-11w Stafford,KS

4676 Commercial Street SE
Salem, OR 97302

Hammeke #C-3

Job Ticket: 44707

DST#: 1

ATTN: Randy Kilian

Test Start: 2011.12.18 @ 20:37:21

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 8.77 in³
Resistivity: ohm.m
Salinity: 7400.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

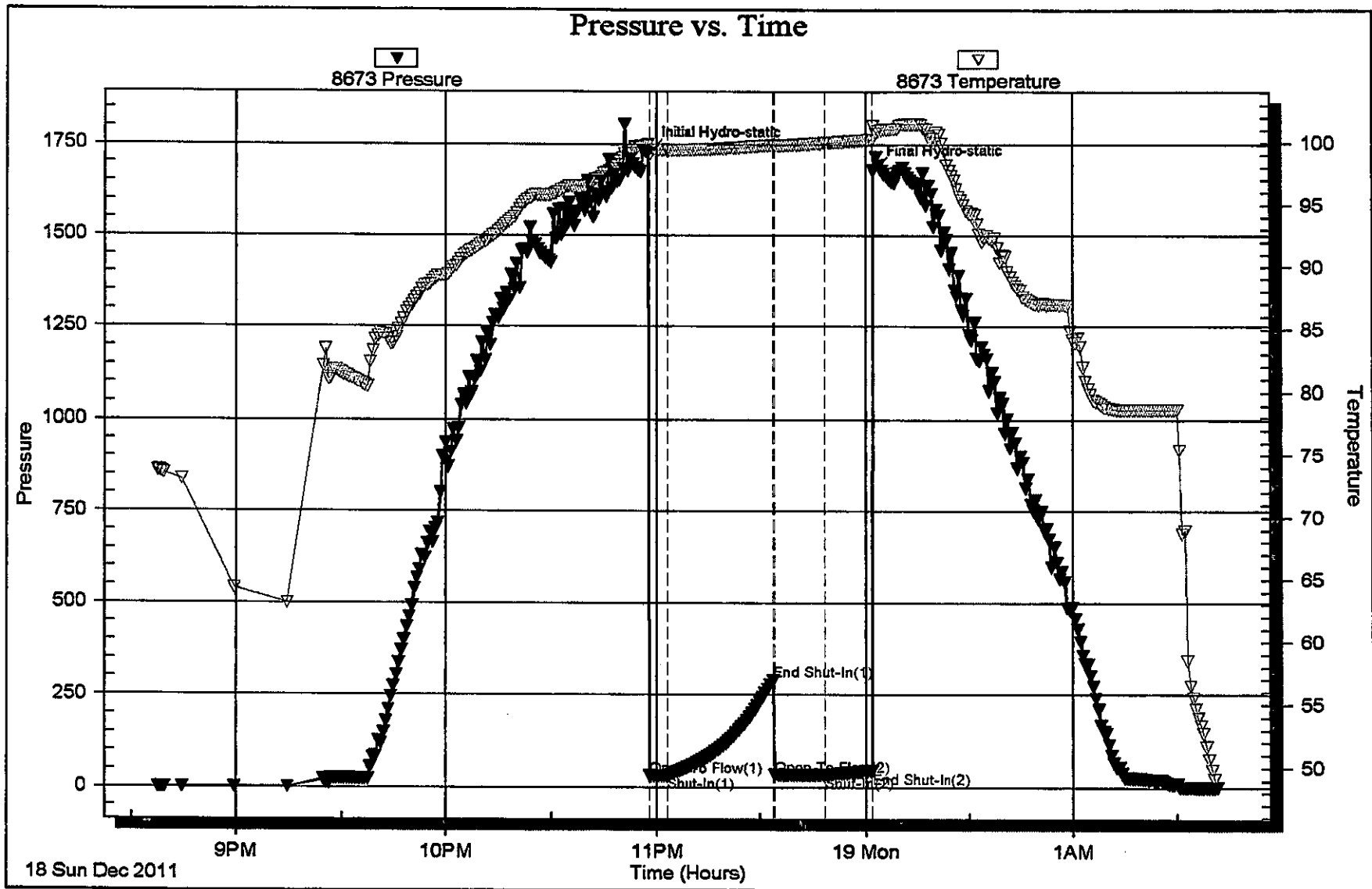
Length ft	Description	Volume bbl
6.00	Drilling Mud	0.084

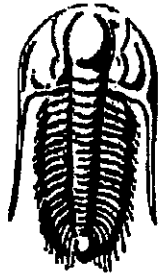
Total Length: 6.00 ft Total Volume: 0.084 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ainsworth Operating Company**

4676 Commercial Street SE
Salem, OR 97302

ATTN: Randy Kilian

Hammeke #C-3

7-22s-11w Stafford,KS

Start Date: 2011.12.19 @ 22:59:39

End Date: 2011.12.20 @ 07:17:09

Job Ticket #: 44749 DST #: 2

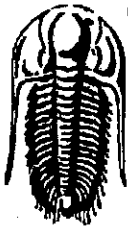
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.22 @ 07:39:40

Ainsworth Operating Company
7-22s-11w Stafford,KS
Hammeke #C-3
DST # 2
Arbuckle
2011.12.19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Ainsworth Operating Company

7-22s-11w Stafford, KS

4676 Commercial Street SE
Salem, OR 97302

Hammeke #C-3

Job Ticket: 44749

DST#: 2

ATTN: Randy Kilian

Test Start: 2011.12.19 @ 22:59:39

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:40:09

Time Test Ended: 07:17:09

Test Type: Conventional Straddle (Initial)

Tester: Brian Fairbank

Unit No: 41

Interval: **3570.00 ft (KB) To 3596.00 ft (KB) (TVD)**

Total Depth: 3651.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1782.00 ft (KB)

1774.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 95.40 psig @ 3586.00 ft (KB)

Start Date: 2011.12.19

End Date: 2011.12.20

Start Time: 22:59:40

End Time: 07:17:09

Capacity: 8000.00 psig

Last Calib.: 2011.12.20

Time On Btm: 2011.12.20 @ 00:38:09

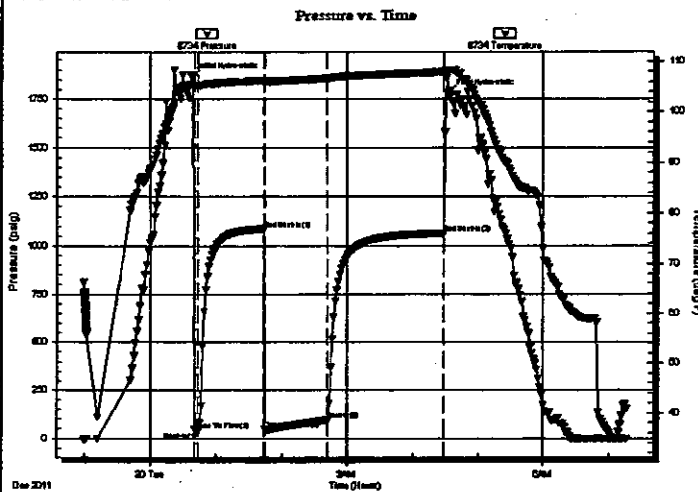
Time Off Btm: 2011.12.20 @ 04:33:09

TEST COMMENT: IFF - weak to good blow 1/2" - 7"

ISI - sur blow back - died 4 min

FFP - BOB 1 1/2 min

FSI - BOB 12 min - died 68 min



PRESSURE SUMMARY

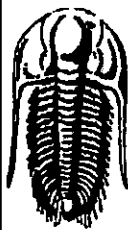
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1864.46	105.40	Initial Hydro-static
2	44.37	105.09	Open To Flow (1)
5	34.93	105.21	Shut-In(1)
65	1086.14	106.18	End Shut-In(1)
67	45.44	105.96	Open To Flow (2)
123	95.40	106.57	Shut-In(2)
230	1065.46	107.83	End Shut-In(2)
235	1781.27	108.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	GMCO 40%G, 40%O, 20%M	1.40
110.00	FREE OIL 95%O, 5%M	1.54
0.00	1340' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ainsworth Operating Company

7-22s-11w Stafford,KS

4676 Commercial Street SE
Salem, OR 97302

Hammeke #C-3

Job Ticket: 44749

DST#: 2

ATTN: Randy Kilian

Test Start: 2011.12.19 @ 22:59:39

Tool Information

Drill Pipe:	Length: 3552.00 ft	Diameter: 3.80 inches	Volume: 49.83 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 49.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3570.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	3596.00 ft			
Interval between Packers:	26.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3553.00	
Hydraulic tool	5.00			3558.00	
Safety Joint	2.00			3560.00	
Packer	5.00			3565.00	22.00 Bottom Of Top Packer
Packer	5.00			3570.00	
Stubb	1.00			3571.00	
Perforations	15.00			3586.00	
Recorder	0.00	8372	Inside	3586.00	
Recorder	0.00	8734	Outside	3586.00	
Perforations	5.00			3591.00	
Blank Off Sub	1.00			3592.00	
Blank Spacing	4.00			3596.00	26.00 Tool Interval
Packer	5.00			3601.00	
Stubb	1.00			3602.00	
Perforations	18.00			3620.00	
Recorder	0.00	8365	Below	3620.00	
Change Over Sub	1.00			3621.00	
Blank Spacing	31.00			3652.00	
Change Over Sub	1.00			3653.00	
Bullnose	3.00			3656.00	60.00 Bottom Packers & Anchor
Total Tool Length:	108.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ainsworth Operating Company

7-22s-11w Stafford,KS

4676 Commercial Street SE
Salem, OR 97302

Hammeke #C-3

Job Ticket: 44749

DST#: 2

ATTN: Randy Kilian

Test Start: 2011.12.19 @ 22:59:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
100.00	GMDO 40%G, 40%O, 20%M	1.403
110.00	FREE OIL 95%O, 5%M	1.543
0.00	1340' GIP	0.000

Total Length: 210.00ft

Total Volume: 2.946 bbf

Num Fluid Samples: 0

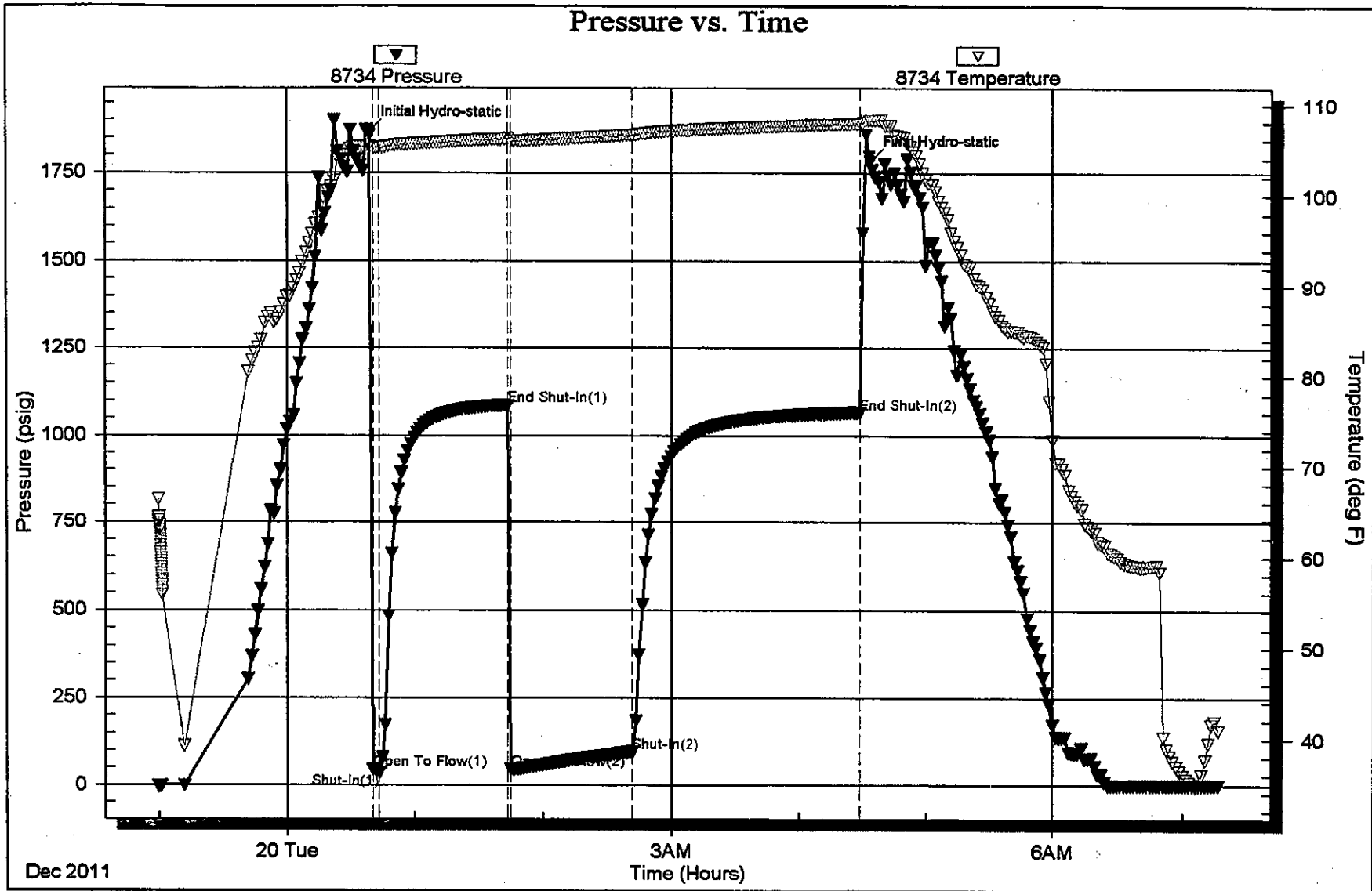
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8365

Below (Stratton) North Operating Company

Hammeke #C-3

DST Test Number: 2

