

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

10/7/10

Operator: License # 5135
 Name: John O. Farmer, Inc.
 Address: P.O. Box 352
 City/State/Zip: Russell, KS 67665
 Purchaser: Coffeyville Resources, LLC
 Operator Contact Person: Marge Schulte
 Phone: (785) 483-3145, Ext. 214
 Contractor: Name: WW Drilling, LLC
 License: 33575
 Wellsite Geologist: Steven P. Murphy
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

6-17-10	6-24-10	7-16-10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 065-23,651-00-00
 County: Graham
 NW SE SE NE Sec. 30 Twp. 7 S. R. 21 East West
2015 feet from S (N) (circle one) Line of Section
520 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Belleau Well #: 1
 Field Name: (wildcat)
 Producing Formation: Toronto & Lansing/KC
 Elevation: Ground: 2149' Kelly Bushing: 2154'
 Total Depth: 3750' Plug Back Total Depth: 3700'
 Amount of Surface Pipe Set and Cemented at 218 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set Port Collar @ 1730 Feet
 If Alternate II completion, cement circulated from 1730
 feet depth to surface w/ 210 sx cmnt.
Drilling Fluid Management Plan AKHINS 10-18-10
 (Data must be collected from the Reserve Pit)
 Chloride content 3,500 ppm Fluid volume 1000 bbls
 Dewatering method used hauling (4 bbls., CDP-5 filed 8-11-10) & evaporation
 Location of fluid disposal if hauled offsite:
 Operator Name: John O. Farmer, Inc.
 Lease Name: Miller License No.: 5135
 Quarter W/2 Sec. 11 Twp. 10 S. R. 21 East West
 County: Graham Docket No.: _____ (used on producing lease)

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.

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: John O. Farmer
 Title: President Date: 10-6-10
 Subscribed and sworn to before me this 6th day of October
 20 10
 Notary Public: Margaret A. Schulte
 Date Commission Expires: _____

1-27-13

KCC Office Use ONLY

Letter of Confidentiality Received 10/6/10 - 10/6/12
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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Operator Name: John O. Farmer, Inc. Lease Name: Belleau Well #: 1
 Sec. 30 Twp. 7 S. R. 21 East West County: Graham

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron Log, Micro Resistivity Log, Dual Induction Log, Dual Receiver Cement Bond Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name Top Datum	
	Anhydrite 1747' (+407)	
	Topeka 3125' (-971)	
	Heebner 3333' (-1179)	
	Toronto 3354' (-1200)	
	Lansing 3366' (-1212)	
	Base/KC 3560' (-1406)	
	Arbuckle 3704' (-1550)	
	L.T.D. 3747' (-1593)	

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#	218'	Common	170	3% C.C., 2% gel
Production	7-7/8"	5-1/2"	14#	3745'	Common	170	10% salt
Port Collar				1730'	60/40	210	6% gel, 1/4# floeal

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 checked="" type="checkbox"/> Plug Off Zone	3354-3447'	Common	150	2% C.C.

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
4 SPF	3354-56' (Toronto)	None - completed natural	
4 SPF	3435-38' & 3444-47' (Lansing "E" & Lansing "F")	250 gals. 15% MCA	
4 SPF	3435-38' (Lansing "E" zone)	1000 gals. 15% NE	
4 SPF	3354-56' (Toronto)	1000 gals. 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	3696'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
7-28-10			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	23.00 (5.00 originally)		30.00 (38.00 originally)		34.0°	

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3354-3447" OA
 (If vented, Submit ACO-18.) Other (Specify)

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4288

Date	6-17-2010	Sec.	30	Twp.	7	Range	21	County	Graham	State	Ks	On Location		Finish	12:00 AM
Lease	Bellean		Well No.	#1		Location Bogue, Ks + Hwy 24 Jct 1/2 E to 360 th									
Contractor	W-W Drilling Rig #4				Owner	3N to U Rd, 1W, 1/4, W/S									
Type Job	Surface				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.										
Hole Size	12 1/4"		T.D.	220'		Charge To	John O Farmer								
Csg.	8 5/8"		Depth	218'		Street									
Tbg. Size			Depth			City	State								
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	15'		Shoe Joint	15'		Cement Amount Ordered	170 rx Common 3% CL 2% Gel								
Meas Line			Displace	12 3/4 BBLs											

EQUIPMENT

Pumptrk	9	No.	Cementer	Wente	7 1/4 OT	Common	170
			Helper				
Bulktrk	8	No.	Driver	Douy	6	Poz. Mix	
			Driver				
Bulktrk	pick up	No.	Driver	Rick	7 1/4 OT	Gel	# 3
			Driver			Calcium	6

JOB SERVICES & REMARKS

Remarks: Cement did Circulate.

Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 180 179
	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

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Pumptrk Charge Surface
Mileage 44

Tax
Discount
Total Charge

X Signature *[Signature]*

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4296

Date	6-25-2010	Sec.	30	Twp.	17	Range	21	County	Graham	State	Ks	On Location		Finish	8:00 AM
Lease	Bellean		Well No.	#1		Location Bogue Ks - 1E to 360 th Rd, 310 to 400 th Rd									
Contractor	W-W Drilling Rig #4					Owner 1W to 350 th Rd, 45, 45									
Type Job	Production					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.									
Hole Size	7 7/8"		T.D.	3750'		Charge To John O' Farmes									
Csg.	5 1/2" 14# New		Depth	3749' ^{set} _{at 3745'}		Street									
Tbg. Size			Depth			City									
Tool	Port Collar		Depth	1728.22'		State									
Cement Left in Csg.	42.47'		Shoe Joint	42.47'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	90% BBLs		Cement Amount Ordered 200 SX Common 10% Salt									

EQUIPMENT

Pumptrk	9	No.	Cementor	Neale	S
			Helper		
Bulktrk	8	No.	Driver	Rocky	S
			Driver		
Bulktrk	pick-up	No.	Driver	Rick	68
			Driver		

JOB SERVICES & REMARKS

Remarks:
Rat Hole 30 SX Common 10% Salt
Mouse Hole
Centralizers 4, 6, 8, 10, 12, 14, 49
Baskets 50, 15, 50
D/V or Port Collar Top of JT #50-1728.22'

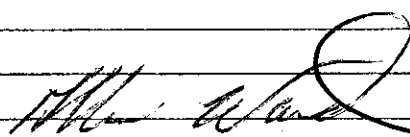
1 gal KCL 500 gal Mud Clear 48
Common 200
Poz. Mix
Gel.
Calcium
Hulls
Salt 22
Flowseal
KCL 1 Gal KCL
Mud CLR 48 500 gal
CFL-117 or CD110 CAF 38
Sand
Handling 222
Mileage 44

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Break Circulation, pump 500 gal
Mud Clear 48, 10 BBLs of KCL
water, shut down (plug Rat Hole with
(30 SX Common 10% Salt) (Hook to casing
and mix 170 SX Common 10% Salt) shut down
wash up, Hook to casing + displace with
90% BBLs of fresh water + landal plug
to 1100th PSD, Released + held.

FLOAT EQUIPMENT

Rotating Scratches
Centralizer 3- 5 1/2"
Baskets 3- 5 1/2"
AFU Inserts
Float Shoe 1- 5 1/2"
Latch Down 1- 5 1/2" Assy
1- 5 1/2" Port collar
Rotating head
Pumptrk Charge prod Long String
Mileage 44

X Signature 

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Tax

Discount

Total Charge

ALLIED CEMENTING CO., LLC. 041664

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

COPY

DATE <u>7-12-10</u>	SEC. <u>30</u>	TWP. <u>7</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30pm</u>	JOB FINISH <u>1:15pm</u>
LEASE <u>Belleu</u>	WELL # <u>1</u>	LOCATION <u>Bogue & Hwy 24 3 North to Urd</u>			COUNTY <u>Garraham</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)		<u>West 1/2 South West 1/4</u>					

CONTRACTOR Poc Servicing

TYPE OF JOB Port Collar - top Stage

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 14" DEPTH _____

TUBING SIZE 2 3/8 DEPTH _____

DRILL PIPE _____ DEPTH _____

1000 Port Collar DEPTH 1730'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 5.5 Bbl

EQUIPMENT _____

PUMP TRUCK CEMENTER John Roberts

417 HELPER Heath

BULK TRUCK _____

473/107 DRIVER Ren

BULK TRUCK _____

_____ DRIVER _____

OWNER _____

CEMENT (used 210 sk cement)

AMOUNT ORDERED 375 6940 67-Gal 1/4" Flt

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Lite 210</u>	@	<u>11.25</u>	<u>2488.50</u>
<u>Flt Srel 52</u>	@	<u>2.45</u>	<u>127.40</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>210</u>	@	<u>2.25</u>	<u>472.50</u>
MILEAGE <u>110.66/mi</u>			<u>1155.00</u>
TOTAL			<u>4243.40</u>

REMARKS:

Test port collar 1000 psi. Open port-
Collar and Est. Circulation Mixed
210 sk cement to circulate cement
to surface. Displace w/ 5.5 Bbl H₂O.
Close port collar and test to 1000 psi.
Run site tubing and wash hole
clean and come out of hole.

Thank You!

CHARGE TO: John O Farmer

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1158.00

EXTRA FOOTAGE @ _____

MILEAGE 55 @ 7.00 385.00

MANIFOLD @ _____

TOTAL 1543.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

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JOB LOG

SWIFT Services, Inc.

DATE 9-21-10 PAGE NO. 1

CUSTOMER John O. Farmer WELL NO. #1 LEASE Belleau JOB TYPE squeeze Perfs TICKET NO. 18110

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0945							onloc set up Trks 2 3/8" x 5 1/2" Perfs 3354-56', 3435-38', 3444-47' Pkr 3369' to check for communication to squeeze 3236'
	1015	1.25	10			800		pump down tbg & check for blowdown (csg, no blow) set pkr to squeeze
	1035	3.5	0			0	0	load csg Pressure to 500 Psi
	1050	1.25	30			700		Take inj rate
	1057	1.25	8			700		start Cement 15 sacks std 276 c.c.
	1113	1.25	0			100		cement @ perfs
		1.25	18			200		Pressure climbing
	1122	1.25	26			600		shut down wash P+L
	1125	.75	0			700		start Displacement
	1128		3			1500		shut Down
						1400 1600		Stage
	1140							Release pressure (dribble back)
	1141					1600		Repressure
	1145							Release pressure (dry)
	1150	2.5	0			0		Reverse out
	1215		85					Hole Clean Pull ljt Pressure to 500 Psi shut in
								wash up Trk

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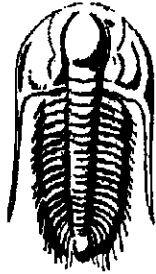
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Thank you

KCC WICHITA

Nick, Josh F & Joe



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

Belleau #1

Start Date: 2010.06.20 @ 22:30:48

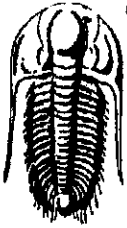
End Date: 2010.06.21 @ 05:55:27

Job Ticket #: 37227 DST #: 1

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer, Inc.

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

Belleau #1

30 7s 21w Graham KS

Job Ticket: 37227

DST#: 1

Test Start: 2010.06.20 @ 22:30:48

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:18:28

Time Test Ended: 05:55:27

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3332.00 ft (KB) To 3370.00 ft (KB) (TVD)**

Total Depth: 3370.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: 364.79 psig @ 3338.00 ft (KB)

Start Date: 2010.06.20

End Date:

2010.06.21

Start Time: 22:30:53

End Time:

05:55:28

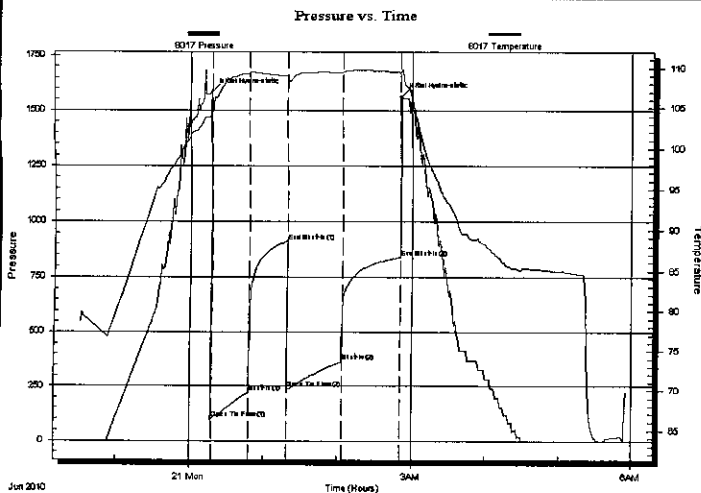
Capacity: 8000.00 psig

Last Calib.: 2010.06.21

Time On Btm: 2010.06.21 @ 00:17:38

Time Off Btm:

TEST COMMENT: IFP-Strong blow BOB in 2 1/2 min
ISI-Strong blow built to 10 in
FFP-Strong blow BOB in 2 min
FSI-Strong blow back BOB in 40 min



PRESSURE SUMMARY

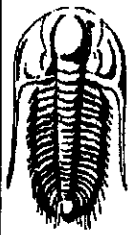
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.52	103.96	Initial Hydro-static
1	97.50	103.64	Open To Flow (1)
31	221.86	109.29	Shut-In (1)
61	908.43	108.99	End Shut-In (1)
62	239.48	108.70	Open To Flow (2)
106	364.79	109.39	Shut-In (2)
154	839.07	109.39	End Shut-In (2)
154	1563.16	109.72	Initial Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	MCGO20%M20%G60%O	3.29
630.00	Free Oil	8.84
0.00	630 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37227

DST#: 1

ATTN: John Farmer IV

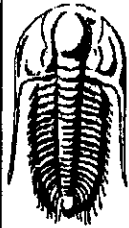
Test Start: 2010.06.20 @ 22:30:48

Tool Information

Drill Pipe:	Length: 3186.00 ft	Diameter: 3.80 inches	Volume: 44.69 bbl	Tool Weight:	22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 45.30 bbl</u>	Tool Chased	10.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3332.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	68.00 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			3303.00	
Shut In Tool	5.00			3308.00	
Hydraulic tool	5.00			3313.00	
Stubb	1.00			3314.00	
Jars	5.00			3319.00	
Safety Joint	3.00			3322.00	
Packer	5.00			3327.00	30.00 Bottom Of Top Packer
Packer	5.00			3332.00	
Stubb	1.00			3333.00	
Perforations	5.00			3338.00	
Recorder	0.00	8017	Inside	3338.00	
Recorder	0.00	8352	Outside	3338.00	
Perforations	29.00			3367.00	
Bullnose	3.00			3370.00	38.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37227 **DST#: 1**

ATTN: John Farmer IV

Test Start: 2010.06.20 @ 22:30:48

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 25 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.56 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

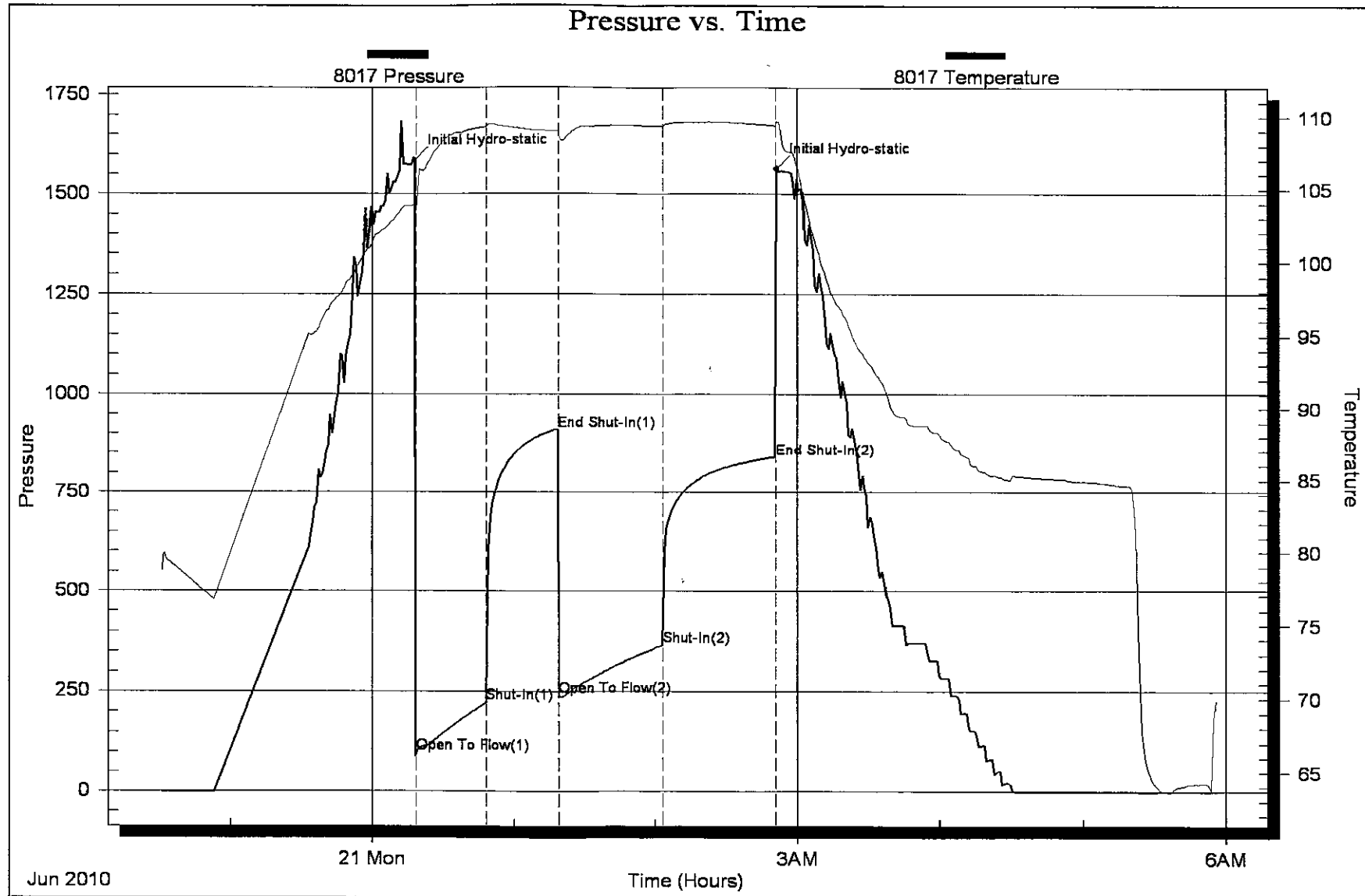
Length ft	Description	Volume bbl
315.00	MCGO20%M20%G80%O	3.289
630.00	Free Oil	8.837
0.00	630 GIP	0.000

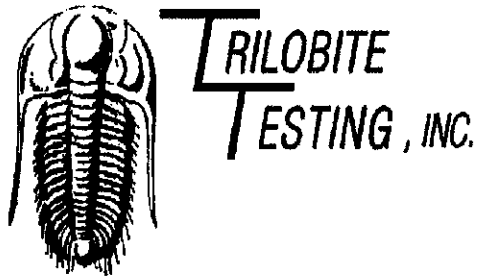
Total Length: 945.00 ft Total Volume: 12.126 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

Belleau #1

Start Date: 2010.06.21 @ 11:43:42

End Date: 2010.06.21 @ 18:05:12

Job Ticket #: 37229 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37229

DST#: 2

ATTN: John Farmer IV

Test Start: 2010.06.21 @ 11:43:42

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:06:42

Time Test Ended: 18:05:12

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3388.00 ft (KB) To 3414.00 ft (KB) (TVD)**

Total Depth: 3414.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: 126.32 psig @ 3394.00 ft (KB)

Start Date: 2010.06.21

End Date: 2010.06.21

Start Time: 11:43:47

End Time: 18:05:11

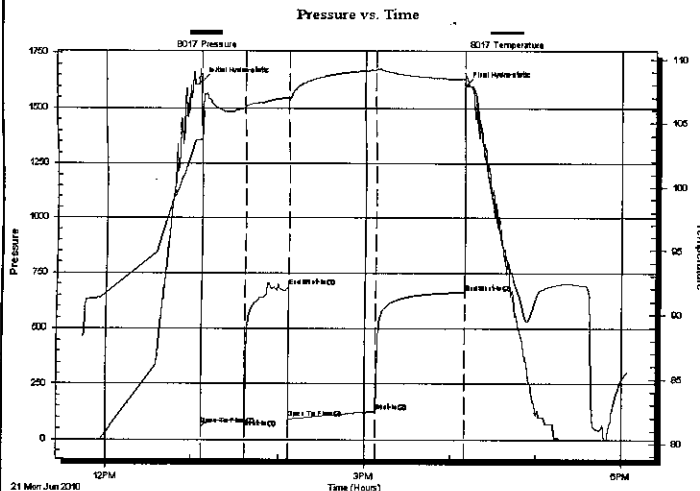
Capacity: 8000.00 psig

Last Calib.: 2010.06.21

Time On Btm: 2010.06.21 @ 13:06:12

Time Off Btm: 2010.06.21 @ 16:10:21

TEST COMMENT: IFP-Fair blow built to 4 1/2 in
ISI-Dead no blow back
FFP-Fair blow built to 5 in
FSI-Dead no blow back



PRESSURE SUMMARY

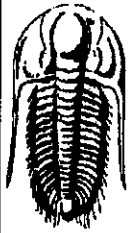
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1619.22	103.82	Initial Hydro-static
1	64.50	103.71	Open To Flow (1)
31	91.69	106.19	Shut-In(1)
61	687.15	106.99	End Shut-In(1)
61	93.65	106.64	Open To Flow (2)
122	126.32	109.17	Shut-In(2)
184	662.85	108.46	End Shut-In(2)
185	1604.31	108.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	MV with a scum of oil	0.64
63.00	VSOCWM2%O33%W65%M	0.88
47.00	VSOCM5%O95%M	0.66

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37229

DST#: 2

ATTN: John Farmer IV

Test Start: 2010.06.21 @ 11:43:42

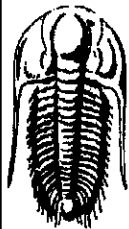
Tool Information

Drill Pipe:	Length: 3248.00 ft	Diameter: 3.80 inches	Volume: 45.56 bbl	Tool Weight: 22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 46.17 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3388.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	56.00 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			3359.00	
Shut In Tool	5.00			3364.00	
Hydraulic tool	5.00			3369.00	
Stubb	1.00			3370.00	
Jars	5.00			3375.00	
Safety Joint	3.00			3378.00	
Packer	5.00			3383.00	30.00 Bottom Of Top Packer
Packer	5.00			3388.00	
Stubb	1.00			3389.00	
Perforations	5.00			3394.00	
Recorder	0.00	8017	Inside	3394.00	
Recorder	0.00	8352	Outside	3394.00	
Perforations	17.00			3411.00	
Bullnose	3.00			3414.00	26.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37229 DST#: 2

ATTN: John Farmer IV

Test Start: 2010.06.21 @ 11:43:42

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: 12000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	MW with a scum of oil	0.638
63.00	VSOCMM2%O33%W65%M	0.884
47.00	VSOCM5%O95%M	0.659

Total Length: 236.00 ft Total Volume: 2.181 bbl

Num Fluid Samples: 0

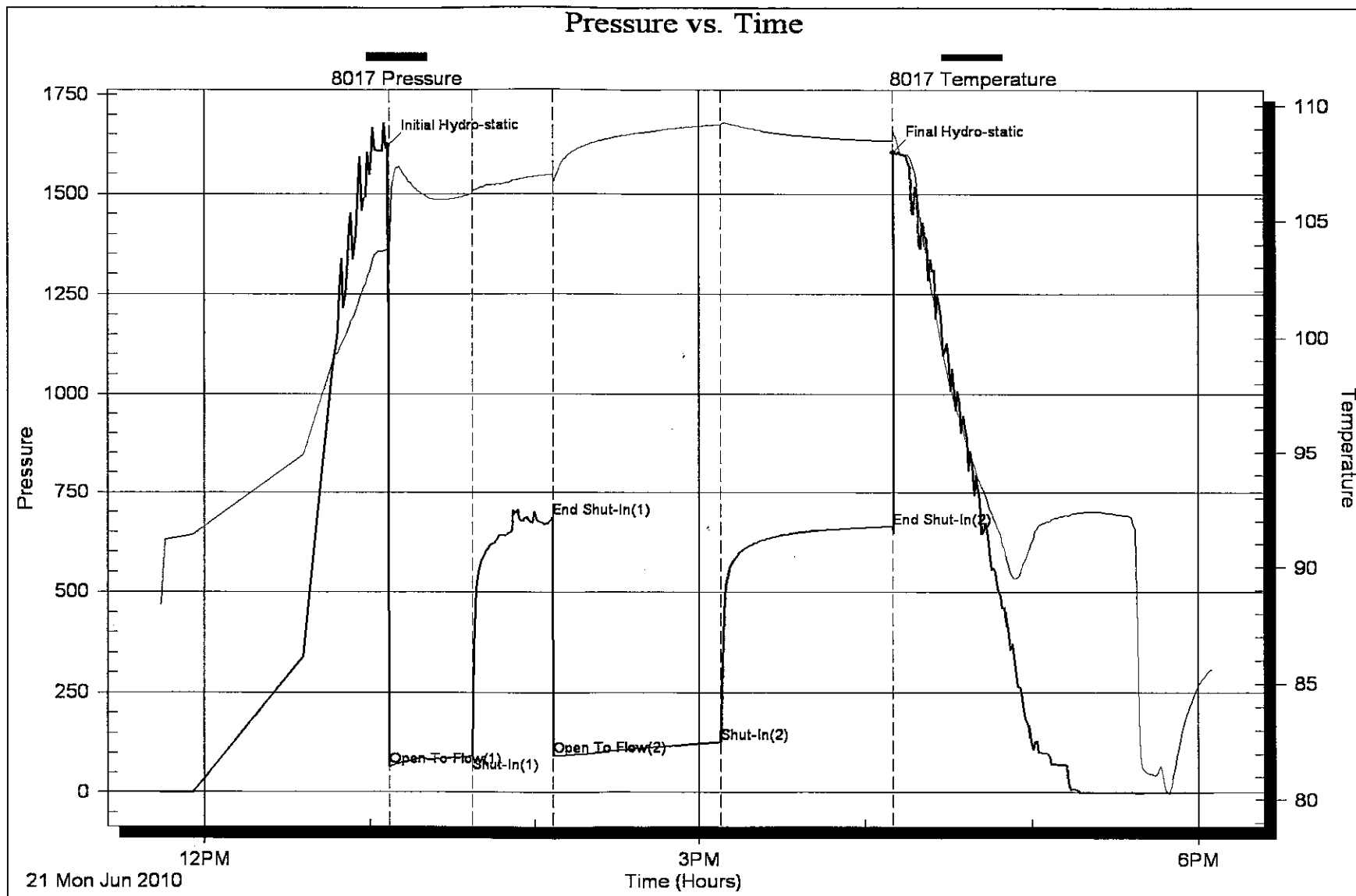
Num Gas Bombs: 0

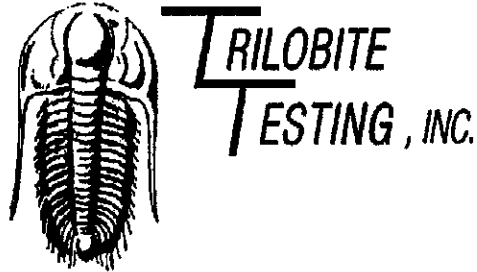
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW 1.7 @ 91.5F = 12000 chlorides





DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

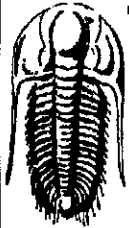
Belleau #1

Start Date: 2010.06.21 @ 01:23:43

End Date: 2010.06.21 @ 06:47:13

Job Ticket #: 37230 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37230

DST#: 3

ATTN: John Farmer IV

Test Start: 2010.06.21 @ 01:23:43

GENERAL INFORMATION:

Formation: **LKC "D"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:57:43
 Time Test Ended: 06:47:13

Test Type: Conventional Bottom Hole
 Tester: Jeff Brown
 Unit No: 31

Interval: **3412.00 ft (KB) To 3426.00 ft (KB) (TVD)**
 Total Depth: **3426.00 ft (KB) (TVD)**
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2154.00 ft (KB)
 2149.00 ft (CF)
 KB to GR/CF: 5.00 ft

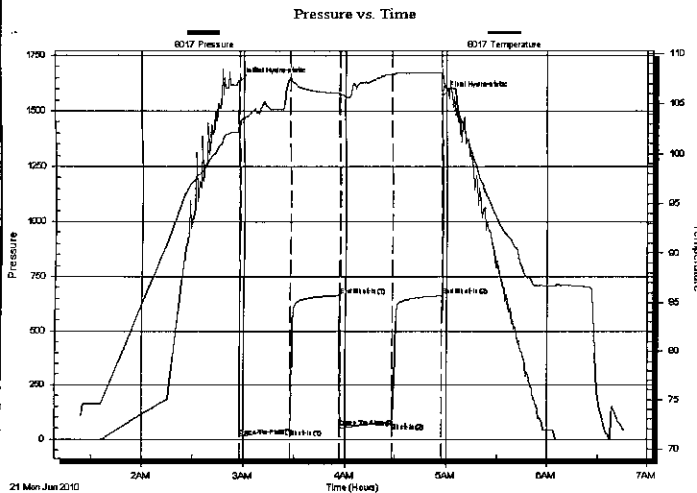
Serial #: 8017

Inside

Press@RunDepth: 73.93 psig @ 3413.00 ft (KB)
 Start Date: 2010.06.21 End Date: 2010.06.21
 Start Time: 01:23:48 End Time: 06:47:12

Capacity: 8000.00 psig
 Last Calib.: 2010.06.22
 Time On Btm: 2010.06.21 @ 02:57:33
 Time Off Btm: 2010.06.21 @ 04:57:43

TEST COMMENT: IFP-Weak blow built to 2 1/2in
 ISI-Dead no blow back
 FFP-Weak blow built to 2 in
 FSI-Dead no blow back



PRESSURE SUMMARY

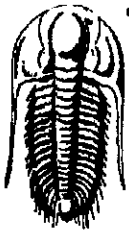
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1630.54	103.16	Initial Hydro-static
1	13.23	102.45	Open To Flow (1)
30	47.93	107.68	Shut-In(1)
59	662.20	106.06	End Shut-In(1)
60	50.61	105.79	Open To Flow (2)
91	73.93	107.93	Shut-In(2)
120	661.10	108.01	End Shut-In(2)
121	1571.20	108.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MW 20%M 80%W	0.31
63.00	VM20%W80%M	0.33
15.00	VSOCVM2%O58%W40%M	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37230

DST#: 3

ATTN: John Farmer IV

Test Start: 2010.06.21 @ 01:23:43

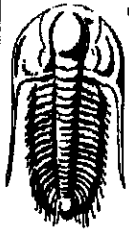
Tool Information

Drill Pipe:	Length: 3277.00 ft	Diameter: 3.80 inches	Volume: 45.97 bbl	Tool Weight: 22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 46.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3412.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	44.00 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			3383.00	
Shut In Tool	5.00			3388.00	
Hydraulic tool	5.00			3393.00	
Stubb	1.00			3394.00	
Jars	5.00			3399.00	
Safety Joint	3.00			3402.00	
Packer	5.00			3407.00	30.00 Bottom Of Top Packer
Packer	5.00			3412.00	
Stubb	1.00			3413.00	
Recorder	0.00	8017	Inside	3413.00	
Recorder	0.00	8352	Outside	3413.00	
Perforations	10.00			3423.00	
Bullnose	3.00			3426.00	14.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37230 **DST#: 3**

ATTN: John Farmer IV

Test Start: 2010.06.21 @ 01:23:43

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:	3500 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

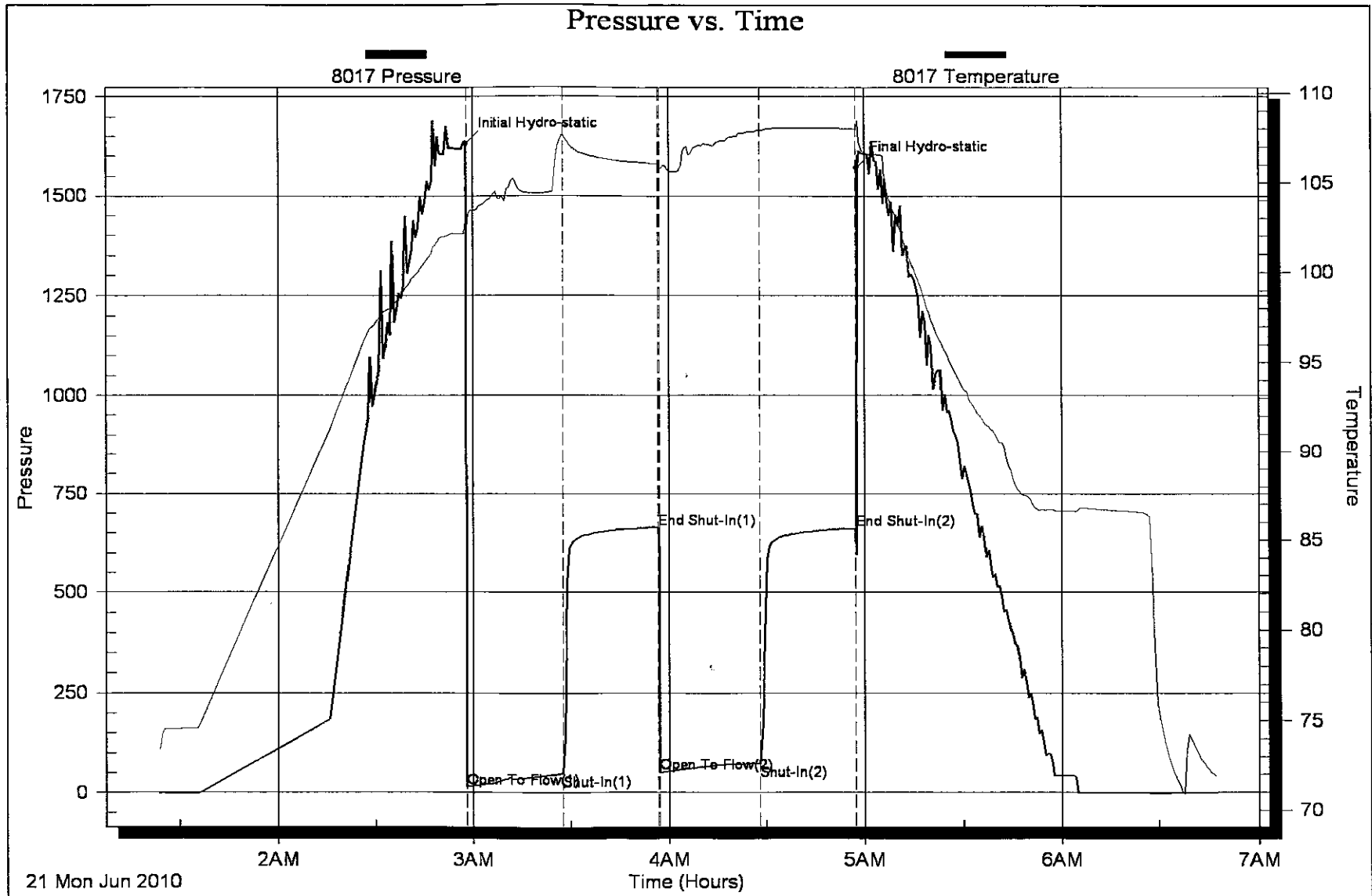
Length ft	Description	Volume bbl
63.00	MW 20%M 80%W	0.310
63.00	WM20%W80%M	0.328
15.00	VSOCWM2%O58%W40%M	0.210

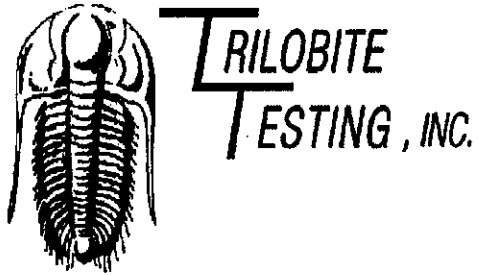
Total Length: 141.00 ft Total Volume: 0.848 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW 1.7 @ 73F = 3500 ppm chlorides





DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

Belleau #1

Start Date: 2010.06.22 @ 12:07:15

End Date: 2010.06.22 @ 16:33:08

Job Ticket #: 37231 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

John O Farmer, Inc.

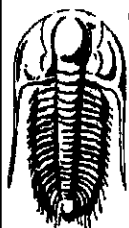
Belleau #1

30 7s 21w Graham KS

DST # 4

LKC-"E"

2010.06.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37231

DST#: 4

ATTN: John Farmer IV

Test Start: 2010.06.22 @ 12:07:15

GENERAL INFORMATION:

Formation: **LKC-"E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:07:20

Time Test Ended: 16:33:08

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3434.00 ft (KB) To 3446.00 ft (KB) (TVD)**

Total Depth: 3446.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: psig @ 3435.00 ft (KB)

Start Date: 2010.06.22 End Date: 2010.06.22

Start Time: 12:07:20 End Time: 16:33:07

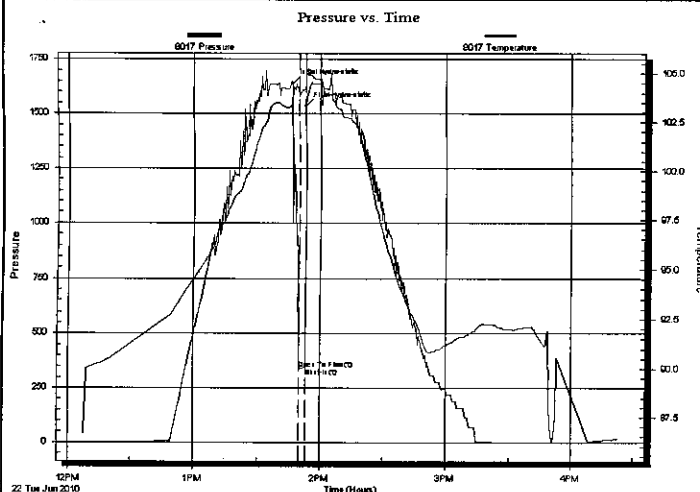
Capacity: 8000.00 psig

Last Calib.: 2010.06.22

Time On Btm: 2010.06.22 @ 13:46:35

Time Off Btm: 2010.06.22 @ 13:53:15

TEST COMMENT: Mis-Run



PRESSURE SUMMARY

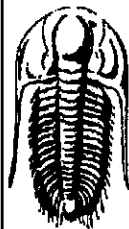
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.90	103.41	Initial Hydro-static
4	339.66	103.85	Open To Flow (1)
7	345.24	104.43	Shut-In(1)
7	1536.27	105.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
630.00	Mud With oil spots Mis-Run	7.71

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37231

DST#: 4

ATTN: John Farmer IV

Test Start: 2010.06.22 @ 12:07:15

Tool Information

Drill Pipe:	Length: 3309.00 ft	Diameter: 3.80 inches	Volume: 46.42 bbl	Tool Weight: 22000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.03 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3434.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	42.00 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			3405.00	
Shut In Tool	5.00			3410.00	
Hydraulic tool	5.00			3415.00	
Stubb	1.00			3416.00	
Jars	5.00			3421.00	
Safety Joint	3.00			3424.00	
Packer	5.00			3429.00	30.00 Bottom Of Top Packer
Packer	5.00			3434.00	
Stubb	1.00			3435.00	
Recorder	0.00	8017	Inside	3435.00	
Recorder	0.00	8352	Outside	3435.00	
Perforations	8.00			3443.00	
Bullnose	3.00			3446.00	12.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37231 **DST#: 4**

ATTN: John Farmer IV

Test Start: 2010.06.22 @ 12:07:15

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

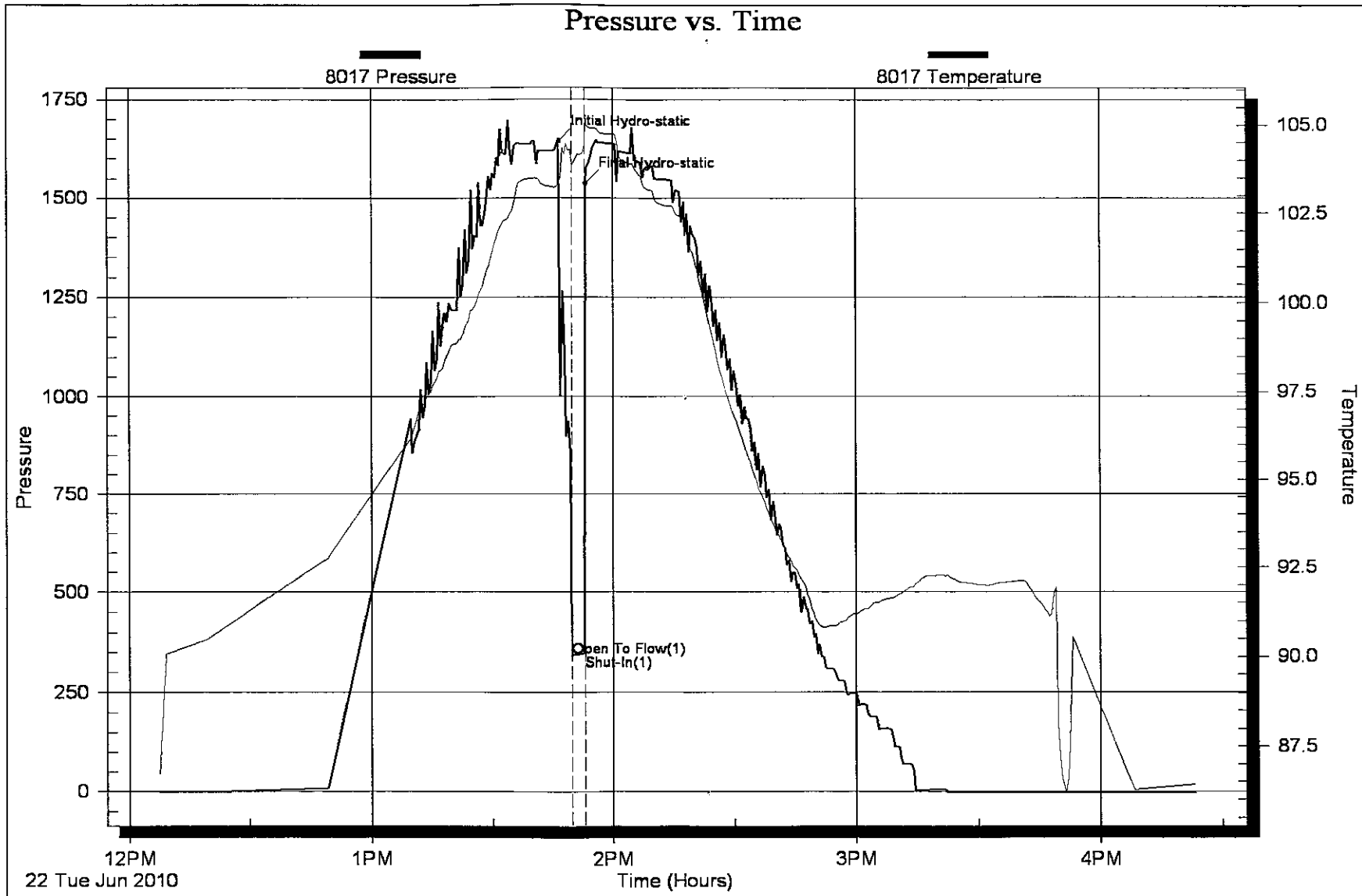
Length ft	Description	Volume bbl
630.00	Mud With oil spots Mis-Run	7.708

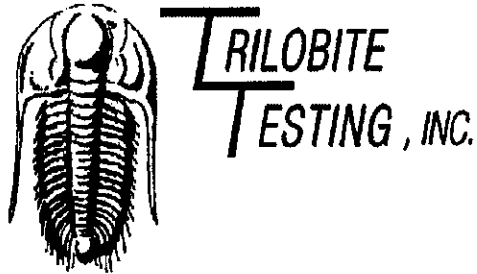
Total Length: 630.00 ft Total Volume: 7.708 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

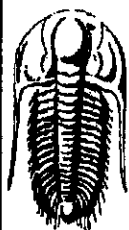
Belleau #1

Start Date: 2010.06.22 @ 20:46:09

End Date: 2010.06.23 @ 04:03:59

Job Ticket #: 37232 DST #: 5

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

ATTN: John Farmer IV

Job Ticket: 37232

DST#: 5

Test Start: 2010.06.22 @ 20:46:09

GENERAL INFORMATION:

Formation: **LKC-"E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:59

Time Test Ended: 04:03:59

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3434.00 ft (KB) To 3446.00 ft (KB) (TVD)**

Total Depth: 3446.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: 162.23 psig @ 3435.00 ft (KB)

Start Date: 2010.06.22

End Date: 2010.06.23

Start Time: 20:46:14

End Time: 04:03:59

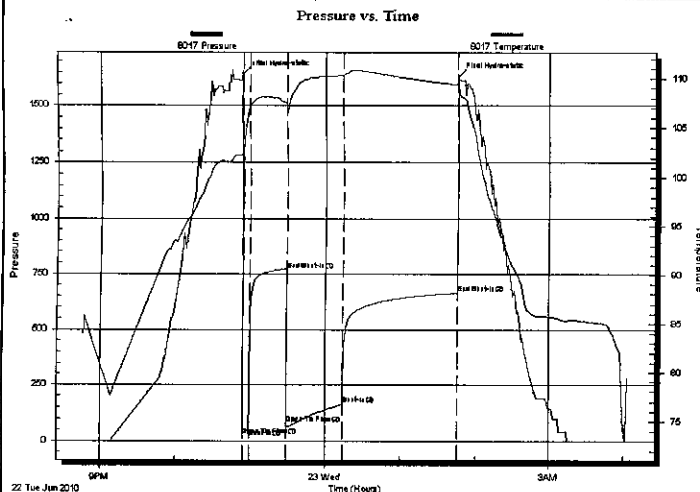
Capacity: 8000.00 psig

Last Calib.: 2010.06.23

Time On Btm: 2010.06.22 @ 22:53:49

Time Off Btm: 2010.06.23 @ 01:46:29

TEST COMMENT: IFP-Strongblow Bob in 5 min
ISI-Weak blow back built to 2 in
FFP-Strong blow BOB in 4 min
FSI-Fair blow back built to 5 1/2 in



PRESSURE SUMMARY

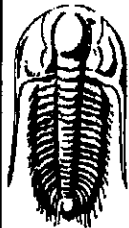
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.40	102.67	Initial Hydro-static
1	26.67	101.95	Open To Flow (1)
6	54.44	106.97	Shut-In(1)
35	764.08	107.55	End Shut-In(1)
36	76.01	107.14	Open To Flow (2)
80	162.23	110.28	Shut-In(2)
173	662.69	109.38	End Shut-In(2)
173	1630.95	109.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	HOCGM50%O20%G30%M	0.46
346.00	Free Oil	4.58
0.00	472 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37232

DST#: 5

ATTN: John Farmer IV

Test Start: 2010.06.22 @ 20:46:09

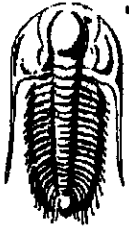
Tool Information

Drill Pipe:	Length: 3309.00 ft	Diameter: 3.80 inches	Volume: 46.42 bbl	Tool Weight: 22000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	47.03 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3434.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	42.00 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			3405.00	
Shut In Tool	5.00			3410.00	
Hydraulic tool	5.00			3415.00	
Stubb	1.00			3416.00	
Jars	5.00			3421.00	
Safety Joint	3.00			3424.00	
Packer	5.00			3429.00	30.00 Bottom Of Top Packer
Packer	5.00			3434.00	
Stubb	1.00			3435.00	
Recorder	0.00	8017	Inside	3435.00	
Recorder	0.00	8352	Outside	3435.00	
Perforations	8.00			3443.00	
Bullnose	3.00			3446.00	12.00 Bottom Packers & Anchor

Total Tool Length: 42.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37232 **DST#: 5**

ATTN: John Farmer IV

Test Start: 2010.06.22 @ 20:46:09

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: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 900.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

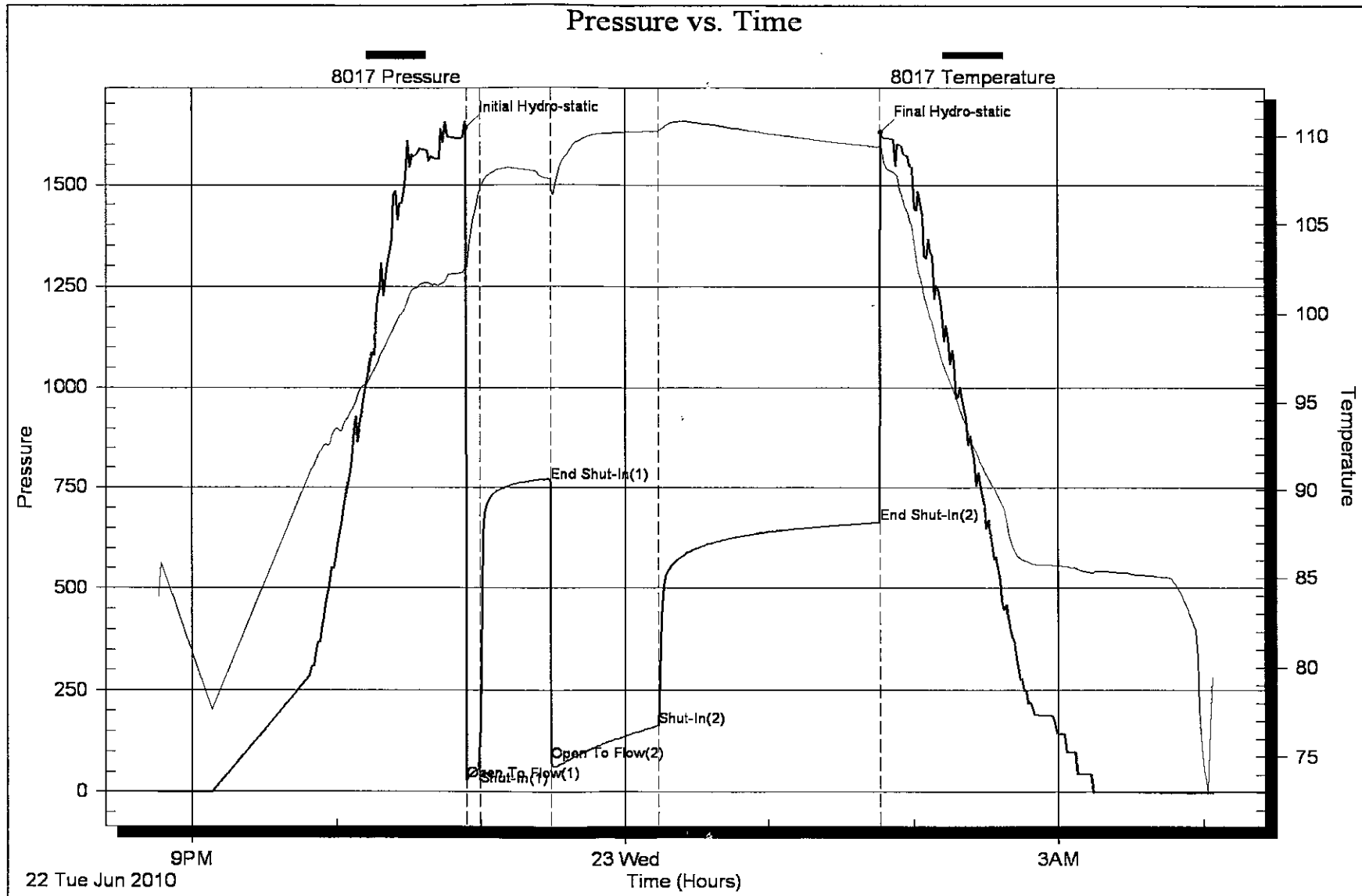
Length ft	Description	Volume bbl
94.00	HOCGM50%O20%G30%M	0.462
346.00	Free Oil	4.580
0.00	472 GIP	0.000

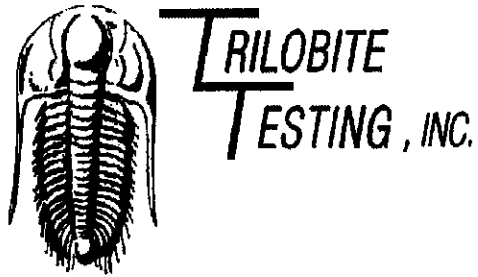
Total Length: 440.00 ft Total Volume: 5.042 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

Belleau #1

Start Date: 2010.06.23 @ 09:38:59

End Date: 2010.06.23 @ 14:43:08

Job Ticket #: 37233 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

John O Farmer, Inc.

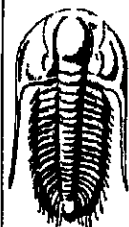
Belleau #1

30 7s 21w Graham KS

DST # 6

LKC-"F"

2010.06.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

ATTN: John Farmer IV

Job Ticket: 37233

DST#: 6

Test Start: 2010.06.23 @ 09:38:59

GENERAL INFORMATION:

Formation: **LKC-"F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:26:49

Time Test Ended: 14:43:08

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 31

Interval: **3450.00 ft (KB) To 3459.00 ft (KB) (TVD)**

Total Depth: 3459.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2154.00 ft (KB)

2149.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: 715.71 psig @ 3451.00 ft (KB)

Start Date: 2010.06.23

End Date: 2010.06.23

Start Time: 09:39:04

End Time: 14:43:09

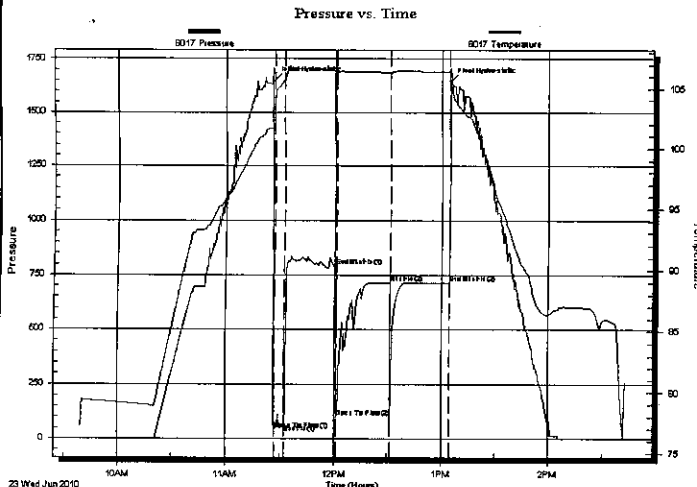
Capacity: 8000.00 psig

Last Calib.: 2010.06.23

Time On Btm: 2010.06.23 @ 11:26:19

Time Off Btm: 2010.06.23 @ 13:04:29

TEST COMMENT: IFP-Weak blow built to 2 3/4 in
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back



PRESSURE SUMMARY

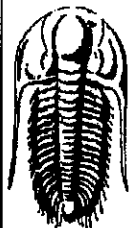
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.10	101.71	Initial Hydro-static
1	39.50	102.52	Open To Flow (1)
7	65.27	105.90	Shut-In(1)
35	787.86	106.45	End Shut-In(1)
36	97.25	106.19	Open To Flow (2)
65	715.71	106.35	Shut-In(2)
98	715.92	106.43	End Shut-In(2)
99	1647.45	106.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mun with a scum of oil	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37233

DST#: 6

ATTN: John Farmer IV

Test Start: 2010.06.23 @ 09:38:59

Tool Information

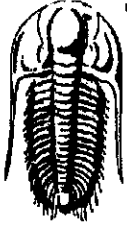
Drill Pipe:	Length: 3312.00 ft	Diameter: 3.80 inches	Volume: 46.46 bbl	Tool Weight: 22000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.07 bbl</u>	Tool Chased 7.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3450.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	39.00 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			3421.00	
Shut In Tool	5.00			3426.00	
Hydraulic tool	5.00			3431.00	
Stubb	1.00			3432.00	
Jars	5.00			3437.00	
Safety Joint	3.00			3440.00	
Packer	5.00			3445.00	30.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Stubb	1.00			3451.00	
Recorder	0.00	8017	Inside	3451.00	
Recorder	0.00	8352	Outside	3451.00	
Perforations	5.00			3456.00	
Bullnose	3.00			3459.00	9.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37233 DST#: 6

ATTN: John Farmer IV

Test Start: 2010.06.23 @ 09:38:59

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: bbl		
Water Loss: 6.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

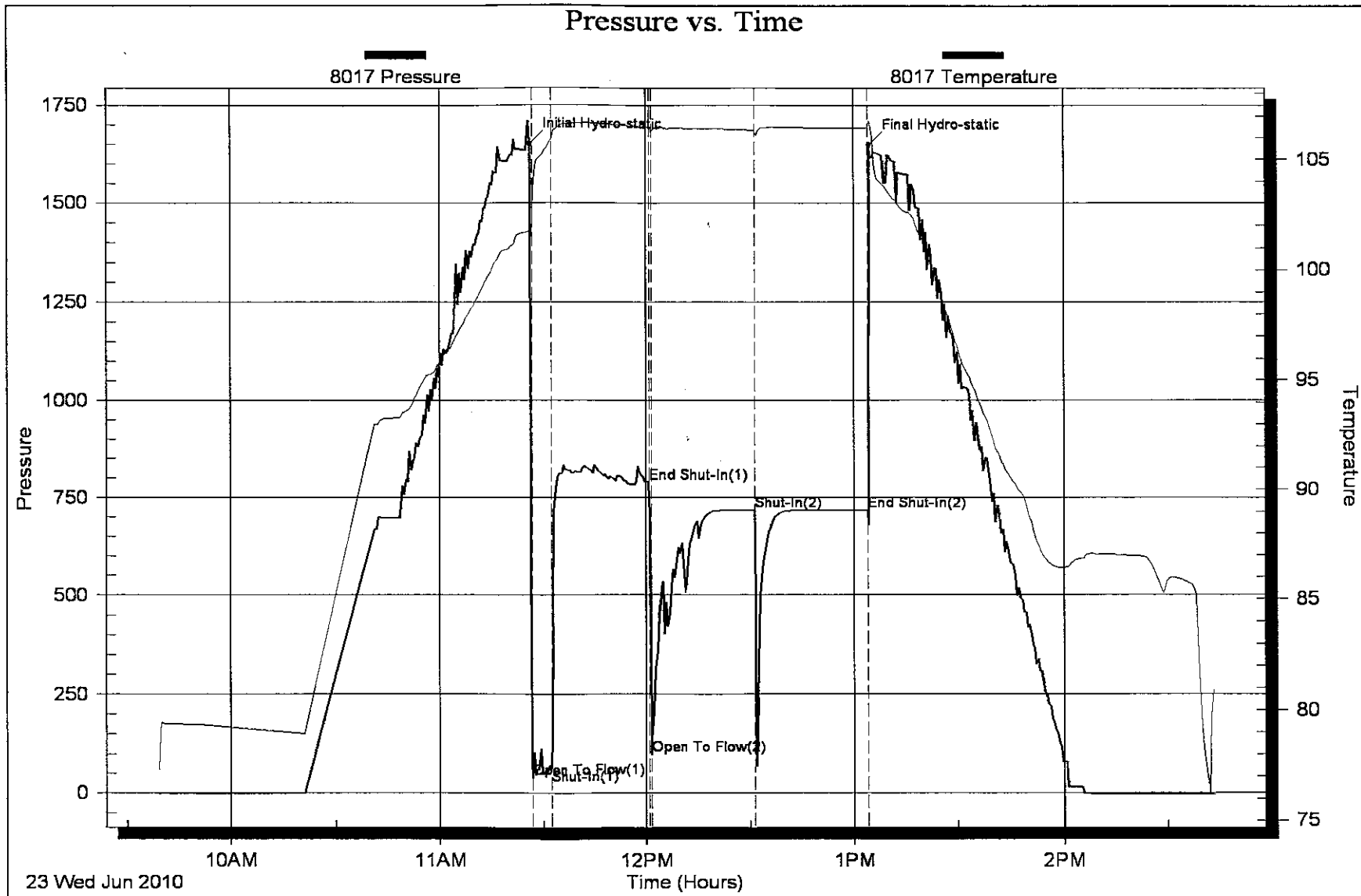
Length ft	Description	Volume bbl
65.00	Mun with a scum of oil	0.320

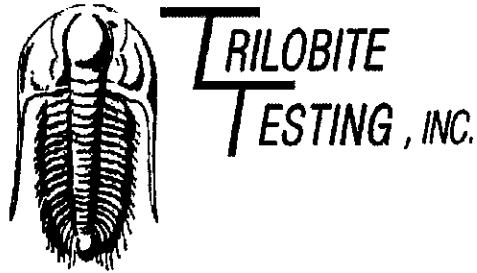
Total Length: 65.00 ft Total Volume: 0.320 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **John O Farmer, Inc.**

Po Box 352
Russell KS 67665

ATTN: John Farmer IV

30 7s 21w Graham KS

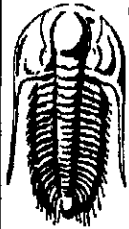
Belleau #1

Start Date: 2010.06.23 @ 01:44:27

End Date: 2010.06.23 @ 06:52:57

Job Ticket #: 37234 DST #: 7

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37234

DST#: 7

ATTN: John Farmer IV

Test Start: 2010.06.23 @ 01:44:27

GENERAL INFORMATION:

Formation: **LKC-"H-I-J-K"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 03:30:27

Time Test Ended: 06:52:57

Test Type: **Conventional Bottom Hole**

Tester: **Jeff Brown**

Unit No: **31**

Interval: **3508.00 ft (KB) To 3561.00 ft (KB) (TVD)**

Total Depth: **3561.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2154.00 ft (KB)**

2149.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8017

Inside

Press@RunDepth: **42.16 psig @ 3513.00 ft (KB)**

Start Date: **2010.06.23**

End Date: **2010.06.23**

Start Time: **01:44:32**

End Time: **06:52:56**

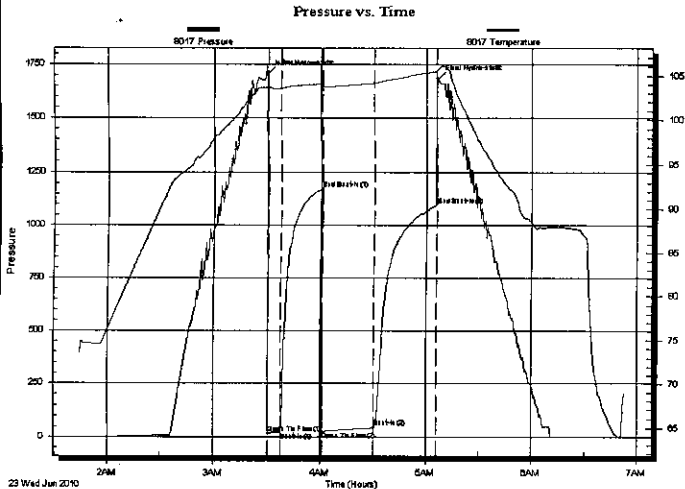
Capacity: **8000.00 psig**

Last Calib.: **2010.06.24**

Time On Btm: **2010.06.23 @ 03:30:17**

Time Off Btm: **2010.06.23 @ 05:06:27**

TEST COMMENT: IFP-Weak blow built to 1 in
ISI-Dead no blow back
FFP-Weak blow built to 3/4 in
FSI-Dead no blow back



PRESSURE SUMMARY

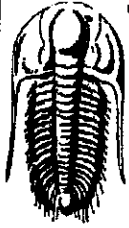
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1703.74	103.89	Initial Hydro-static
1	16.88	103.10	Open To Flow (1)
8	23.28	103.55	Shut-In(1)
31	1171.73	104.08	End Shut-In(1)
31	25.77	103.67	Open To Flow (2)
61	42.16	104.16	Shut-In(2)
96	1094.17	105.40	End Shut-In(2)
97	1684.47	105.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud with a scum of oil	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37234

DST#: 7

ATTN: John Farmer IV

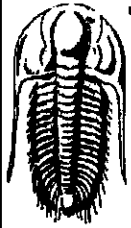
Test Start: 2010.06.23 @ 01:44:27

Tool Information

Drill Pipe:	Length: 3375.00 ft	Diameter: 3.80 inches	Volume: 47.34 bbl	Tool Weight: 22000.00 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3508.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	83.00 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			3479.00	
Shut In Tool	5.00			3484.00	
Hydraulic tool	5.00			3489.00	
Stubb	1.00			3490.00	
Jars	5.00			3495.00	
Safety Joint	3.00			3498.00	
Packer	5.00			3503.00	30.00 Bottom Of Top Packer
Packer	5.00			3508.00	
Stubb	1.00			3509.00	
Perforations	3.00			3512.00	
Change Over Sub	1.00			3513.00	
Recorder	0.00	8017	Inside	3513.00	
Recorder	0.00	8352	Outside	3513.00	
Blank Spacing	31.00			3544.00	
Change Over Sub	1.00			3545.00	
Perforations	13.00			3558.00	
Bullnose	3.00			3561.00	53.00 Bottom Packers & Anchor
Total Tool Length:	83.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer, Inc.

Belleau #1

Po Box 352
Russell KS 67665

30 7s 21w Graham KS

Job Ticket: 37234

DST#: 7

ATTN: John Farmer IV

Test Start: 2010.06.23 @ 01:44:27

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: bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w with a scum of oil	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

