

ORIGINAL

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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 # 5135
Name: John O. Farmer, Inc.
Address 1: P.O. Box 352
Address 2:
City: Russell State: KS Zip: 67665 + 0 3 5 2
Contact Person: Marge Schulte
Phone: (785) 483-3145, Ext. 214
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Randall Kilian
Purchaser: Coffeyville Resources, LLC

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 #:

7-26-11 7-30-11 8-16-11
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-051-26,167-00-00
Spot Description:
E/2_NE_SW_NE Sec. 27 Twp. 12 S. R. 16 [] East [] West
1,650 Feet from [] North [] South Line of Section
1,430 Feet from [] East [] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[] NE [] NW [] SE [] SW
County: Ellis
Lease Name: Froelich "C" Well #: #1-30
Field Name: Emmeram Northeast
Producing Formation: Arbuckle
Elevation: Ground: 1959' Kelly Bushing: 1964'
Total Depth: 3510' Plug Back Total Depth: 3476'
Amount of Surface Pipe Set and Cemented at: 229 Feet
Multiple Stage Cementing Collar Used? [] Yes [] No
If yes, show depth set: Port Collar @ 1,114 Feet
If Alternate II completion, cement circulated from: 1,114
feet depth to: surface w/ 120 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 76,000 ppm Fluid volume: 600 bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name:
Quarter Sec. Twp. S. R. East West
County: Permit #:
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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: John O. Farmer III
Title: John O. Farmer III, President Date: 9-8-11

KCC Office Use ONLY

[] Letter of Confidentiality Received
Date: 9/8/11 - 9/18/13
[] Confidential Release Date:
[] Wireline Log Received
[] Geologist Report Received
[] UIC Distribution
ALT [] I [] II [] III Approved by: NY Date: 9-28-11

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025

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

No. 5309

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-26-11	27	12	16	Ellis	KS		10:30p.m.
Lease: <u>Froelch</u>	Well No. <u>1-30</u>		Location <u>Blue Hill school S to the well Rd E into 3mi</u>				
Contractor <u>WW #8</u>				Owner			
Type Job <u>Surface</u>				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 <u>12 1/4</u>	T.D. <u>230</u>		Charge To <u>JD Farmer</u>				
Csg. <u>8 5/8</u>	Depth <u>229</u>		Street				
Tbg. Size	Depth		City				
Tool	Depth		State				
Cement Left in Csg. <u>15</u>	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace <u>1.3 1/2 B/L</u>		Cement Amount Ordered <u>150 com 30% LL 20% bel</u>				
EQUIPMENT							
Pumptrk No. <u>1</u>	Cement Helper <u>1</u>	Common <u>150</u>					
Bulktrk No. <u>8</u>	Driver <u>1</u>	Poz. Mix					
Bulktrk No. <u>8</u>	Driver <u>1</u>	Gel. <u>3</u>					
JOB SERVICES & REMARKS							
Remarks:				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal			
Centralizers				Koi-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<u>8 5/8 on bottom Est Creolation</u>				Sand			
<u>Mix 150SKL Displace</u>				Handling <u>158</u>			
<u>Cement Creolation</u>				Mileage			
FLOAT EQUIPMENT							
Guide Shoe							
Centralizer							
Baskets							
AFU Inserts							
Float Shoe							
Latch Down							
Pumptrk Charge <u>Surface</u>							
Mileage <u>23</u>							
Signature				Tax			
				Discount			
				Total Charge			

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JOB LOG

SWIFT Services, Inc.

DATE **7-31-11** PAGE NO. **7**

CUSTOMER **Scho O Farmer**

WELL NO. **C #1-30**

LEASE **Froelich**

JOB TYPE **Longstring**

TICKET NO. **19731**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							on loc w/ FE
								RTD 3510'
								5 1/2" x 14# x 3510' x 21'
								Cent. S.S., 2, 4, 6, 8, 10, 55
								Base. 4, 11, 56
								Part Collar 56 @ 1115'
	0430							start FE
	0620							Break Circ.
	0640	2.5	7					Plug RH 30 sks EA-2
	0645	4.5	0			200		Start Mud Flush
		4.5	12/0			200		Start KCL flush
	0652	5.5	20/0			250		Start Cement 14 sks EA-2
	0700		36					End Cement
								Wash Ptk
								Drop L D Plug
	0705	6	0			150		Start Displacement
	0714	5	35			200		Catch Cement
	0720		85			600/1400		Land Plug
								Release Pressure
								Floater Hold

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Thank you
Nick, Josh F. + KCC

QUALITY OILWELL CEMENTING, INC.

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

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

No. 5073

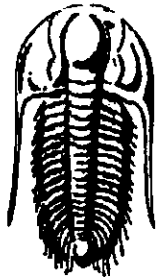
Date	Sec.	Twp.	Range	County	State	On Location	Finish
8/22-11				Ellis	Kansas		11:30AM
Lease: <i>Freelich</i>	Well No. <i>C-130</i>		Location: <i>Walker 6N 1W 1E N4E 1/4</i>				
Contractor: <i>J.M. Whitt Service</i>	Owner: <i>J.O. Farmer</i>			To: Quality Oilwell Cementing, Inc.			
Type Job: <i>Port Collar</i>	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	T.D.			Charge To: <i>J.O. Farmer</i>			
Csg. <i>5 1/2</i>	Depth			Street			
Tbg. Size: <i>2 7/8</i>	Depth			City			
Tool: <i>Port Collar</i>	Depth: <i>11147</i>			State			
Cement Left in Csg.	Shoe Joint			The above was done to satisfaction and supervision of owner, agent or contractor.			
Meas Line	Displace			Cement Amount Ordered: <i>200 QMDC 416 Pcs Seal</i>			
EQUIPMENT				<i>8' well on side</i>			
Pumptrk No. <i>5</i>	Cementor	<i>Steve</i>		Common: <i>120 QMDC</i>			
Bulktrk No. <i>3</i>	Driver	<i>Coas</i>		Poz. Mix			
Bulktrk No.	Driver	<i>Daig</i>		Gel: <i>5</i>			
JOB SERVICES & REMARKS				Calcium			
Remarks:	Rat Hole			Hulls:			
Mouse Hole:	Centralizers			Salt			
Baskets:	D/V or Port Collar			Flowseal: <i>50#</i>			
				Kol-Seal			
				Mud CLR 48			
				CFL-117 or CD110 CAF 38			
				Sand:			
				Handling: <i>200</i>			
				Mileage:			
<i>Pressure casing to 700 psi</i>				FLOAT EQUIPMENT			
<i>Open tool mix 5 gal & establish circulation</i>				Guide Shoe			
<i>Mix 120sx & circulate cement</i>				Centralizer			
<i>Close tool & pressure casing to 700 psi</i>				Baskets			
<i>Run 5 jts & wash clean</i>				AFU Inserts			
<i>(Used 120sx)</i>				Float Shoe			
				Latch/Down			
				Pumptrk Charge: <i>port collar</i>			
				Mileage: <i>21</i>			
				Tax			
				Discount			
				Total Charge			
Signature: <i>Uel Ol</i>							

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **John O Farmer Inc**

Po Box 352
Russell, KS 67665+2635

ATTN: John O Farmer IV

27-12s-16w Ellis,KS

Froelich C 1-30

Start Date: 2011.07.30 @ 14:14:51

End Date: 2011.07.30 @ 21:54:21

Job Ticket #: 44199 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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John O Farmer Inc

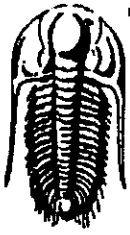
Froelich C 1-30

27-12s-16w Ellis,KS

DST # 1

Arbuckle

2011.07.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

John O Farmer Inc
Po Box 352
Russell, KS 67665+2635
ATTN: John O Farmer IV

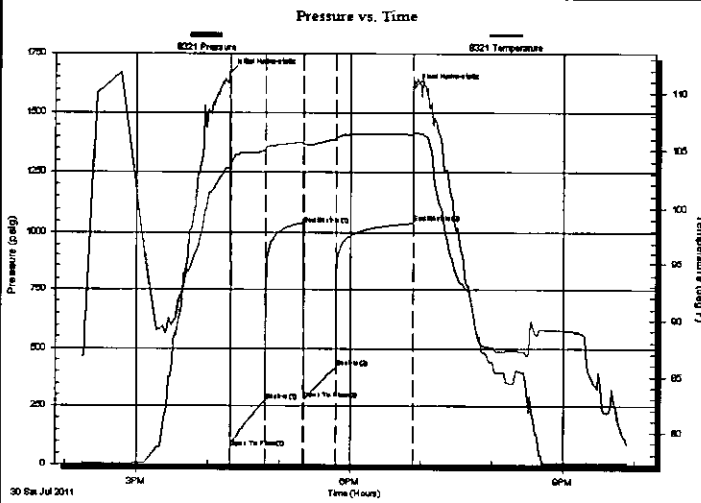
Froelich C 1-30
27-12s-16w Ellis,KS
Job Ticket: 44199 **DST#: 1**
Test Start: 2011.07.30 @ 14:14:51

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 16:18:51
Time Test Ended: 21:54:21
Test Type: **Conventional Straddle**
Tester: **Jeff Brown**
Unit No: **44**
Interval: **3404.00 ft (KB) To 3441.00 ft (KB) (TVD)**
Reference Elevations: **1964.00 ft (KB)**
Total Depth: **3512.00 ft (KB) (TVD)**
1959.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Good**
KB to GR/CF: **5.00 ft**

Serial #: 8321 **Inside**
Press@RunDepth: **414.74 psig @ 3412.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2011.07.30** End Date: **2011.07.30** Last Calib.: **2011.07.30**
Start Time: **14:14:52** End Time: **21:54:21** Time On Btrt: **2011.07.30 @ 16:18:21**
Time Off Btrt: **2011.07.30 @ 18:53:51**

TEST COMMENT: IFP-Strong blow BOB in 3 min
ISI-Fair blow back built to 5 1/2 in
FFP-Strong blow BOB in 3 min
FSI-Fair blow built to 6 in



PRESSURE SUMMARY

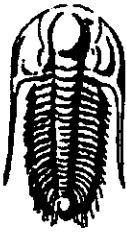
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.60	103.62	Initial Hydro-static
1	70.06	103.39	Open To Flow (1)
30	272.98	105.05	Shut-In(1)
62	1031.53	105.74	End Shut-In(1)
62	279.10	105.58	Open To Flow (2)
90	414.74	106.04	Shut-In(2)
155	1039.14	106.42	End Shut-In(2)
156	1607.78	106.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	HOCM 40%O10%V50%M	0.60
62.00	OOGM 20%O20%G60%M	0.87
884.00	Gassy Oil 10%G90%O	12.40
0.00	387 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer Inc
Po Box 352
Russell, KS 67665+2635
ATTN: John O Farmer IV

Froelich C 1-30
27-12s-16w Ellis,KS
Job Ticket: 44199 **DST#: 1**
Test Start: 2011.07.30 @ 14:14:51

Tool Information

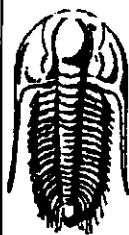
Drill Pipe:	Length: 3275.00 ft	Diameter: 3.80 inches	Volume: 45.94 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 68000.00 lb
		<u>Total Volume: 46.54 bbl</u>		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3404.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	3441.00 ft			
Interval between Packers:	37.00 ft			
Tool Length:	128.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3385.00	
Shut In Tool	5.00			3390.00	
Hydraulic tool	5.00			3395.00	
Packer	4.00			3399.00	20.00 Bottom Of Top Packer
Packer	5.00			3404.00	
Stubb	1.00			3405.00	
Perforations	7.00			3412.00	
Recorder	0.00	8321	Inside	3412.00	
Recorder	0.00	8679	Outside	3412.00	
Perforations	25.00			3437.00	
Blank Off Sub	1.00			3438.00	
Stubb	3.00			3441.00	37.00 Tool Interval
Packer	1.00			3442.00	
Stubb	1.00			3443.00	
Perforations	2.00			3445.00	
Recorder	0.00	8737	Below	3445.00	
Change Over Sub	1.00			3446.00	
Drill Pipe	62.00			3508.00	
Change Over Sub	1.00			3509.00	
Bullnose	3.00			3512.00	71.00 Bottom Packers & Anchor

Total Tool Length: 128.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer Inc
Po Box 352
Russell, KS 67665+2635
ATTN: John O Farmer IV

Froelich C 1-30
27-12s-16w Ellis, KS
Job Ticket: 44199 DST#: 1
Test Start: 2011.07.30 @ 14:14:51

Mud and Cushion Information

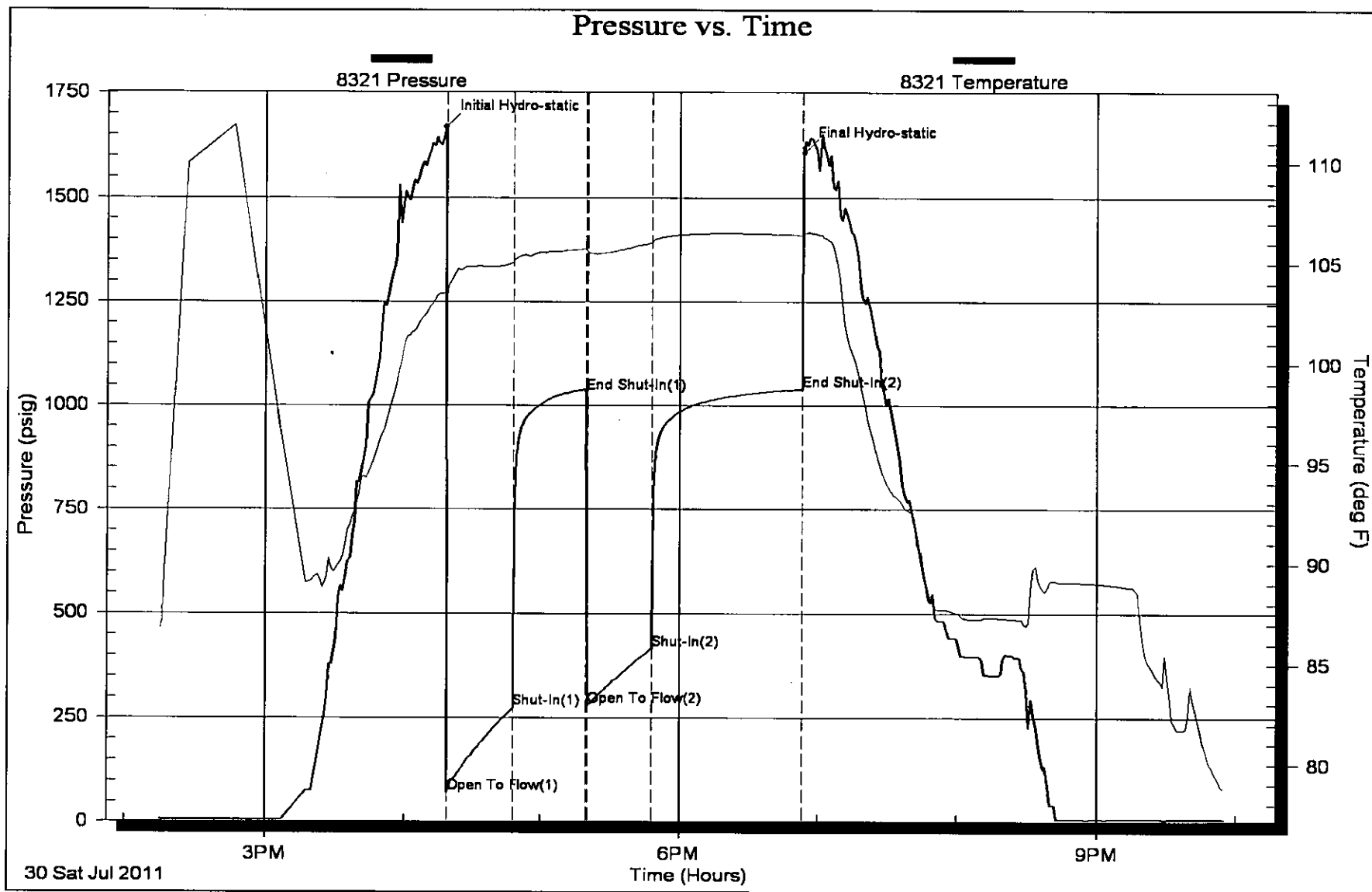
Mud Type: Gel Chem	Cushion Type:	Oil API:	28 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in*	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

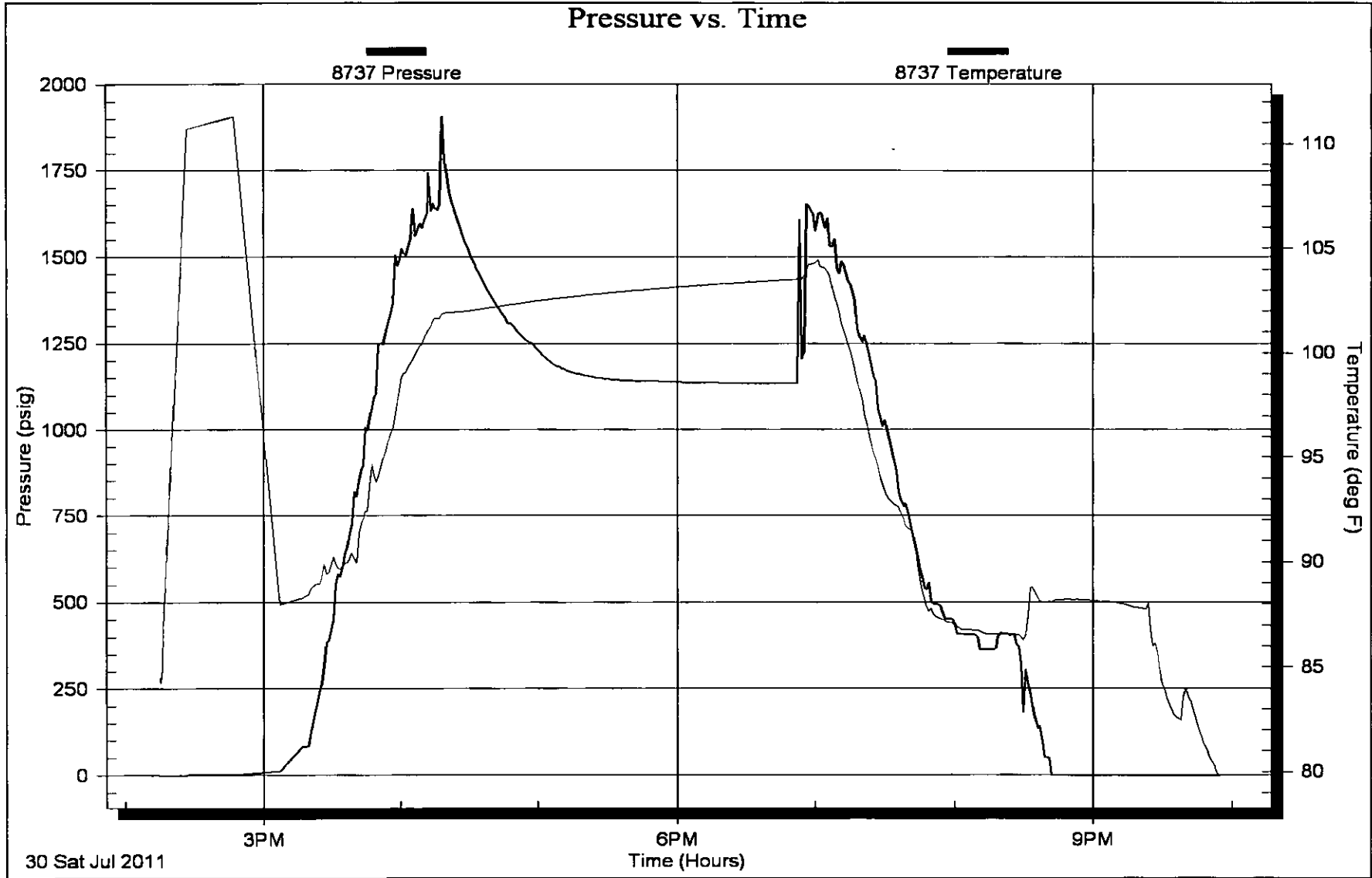
Recovery Information

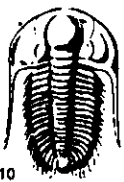
Recovery Table

Length ft	Description	Volume bbl
122.00	HOCM 40%O10%V50%M	0.600
62.00	OCGM 20%O20%G60%M	0.870
884.00	Gassy Oil 10%G90%O	12.400
0.00	387 GIP	0.000

Total Length: 1068.00 ft Total Volume: 13.870 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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Test Ticket

NO. 44199

Well Name & No. Froelich C 1-30 Test No. 1 Date 7-30-11
 Company John O Farmer INC Elevation 1944 KB _____ GL _____
 Address 370 W Wichita Ave P.O. Box 352 Russell KS 67065-2635
 Co. Rep / Geo. Randy Rig WW Rig # 8
 Location: Sec. 27 Twp. 12S Rge. 11E Co. ELLIS State KS

Interval Tested 3404 - 3441 Zone Tested ARBUCKLE
 Anchor Length 37 Anchor 71' Tail Drill Pipe Run 3275 Mud Wt. 9.1
 Top Packer Depth 3399 Drill Collars Run 122 Vis 55
 Bottom Packer Depth 3404 Wt. Pipe Run 0 WL 8.0
 Total Depth 3512 Chlorides 2000 ppm System LCM 4#
 Blow Description IF - Strong Blow BOB IN 3 min
ISF - Fair Blow Back Built to 5 1/2 IN
IFF - Strong Blow BOB IN 3 min
ISF - Fair Blow Built to 6 IN

Rec	Feet of	%gas	%oil	%water	%mud
122	HOCM	40	10	50	
202	OCOM	20	20	60	
284	GASSY OIL	10	90		
	387-6IP				

Rec Total 10608 BHT 1060 Gravity 28 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 10608 1125 Test 1125 T-On Location 13:51
 (B) First Initial Flow 70 Jars _____ T-Started 14:14
 (C) First Final Flow 273 Safety Joint _____ T-Open 16:18
 (D) Initial Shut-In 1032 Circ Sub 50 T-Pulled 18:48
 (E) Second Initial Flow 279 Hourly Standby _____ T-Out 21:54
 (F) Second Final Flow 415 Mileage 44 RT 6160 Comments _____
 (G) Final Shut-In 1039 Sampler _____
 (H) Final Hydrostatic 11608 Straddle 600 Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1836.60 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60

Approved By _____ Our Representative Jeff Brown

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.