



KANSAS CORPORATION COMMISSION 1076716
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34418
Name: Prairie Fire Petroleum, LLC
Address 1: PO BOX 38
Address 2: _____
City: NORTON State: KS Zip: 67654 + _____
Contact Person: Doug Frickey
Phone: (785) 874-4840
CONTRACTOR: License # 34535
Name: Integrity Drilling Co., LLC
Wellsite Geologist: Randall Kilian
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD S1OW
 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>01/31/2012</u>	<u>02/05/2012</u>	<u>02/06/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-039-21145-00-00
Spot Description: _____
NE SW SE NW Sec. 23 Twp. 2 S. R. 27 East West
2200 Feet from North / South Line of Section
1700 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Decatur
Lease Name: Long Farm Partnership Well #: 1-23
Field Name: _____
Producing Formation: None
Elevation: Ground: 2637 Kelly Bushing: 2643
Total Depth: 3783 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 274 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: 20000 ppm Fluid volume: 2500 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

Submitted Electronically

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: Deanna Garbar Date: 03/23/2012



1076716

Operator Name: Prairie Fire Petroleum, LLC Lease Name: Long Farm Partnership Well #: 1-23
 Sec. 23 Twp. 2 S. R. 27 East West County: Decatur

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Compensated Porosity Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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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	12.25	8.6250	23	274	Class A Commor	185	3% CC, 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

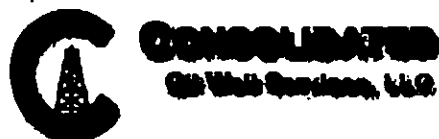
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs. Gas-Oil Ratio Gravity

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Prairie Fire Petroleum, LLC
Well Name	Long Farm Partnership 1-23
Doc ID	1076716

Tops

Anhydrite	2186	+457
Base/Anhydrite	2218	+425
Topeka	3335	-692
Heebner Shale	3500	-857
Toronto	3530	-887
Lansing	3542	-899
Base/Kansas City	3742	-1099
RTD Rotary TD	3783	-1140



REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chenute, KS 66720
620/431-8210 • 1-800/487-8878
Fax 620/431-0012

INVOICE

Invoice # 247595

Invoice Date: 01/31/2012 Terms: 10/10/30,n/30

Page 1

PRAIRIE FIRE PETROLEUM, LLC
P.O. BOX 38
NORTON KS 67654-0038
(785) 874-4840

LONG FARM PARTNER 1-23
33845
23-28-27W
1-31-2012
KS

ORIGINAL

Table with 4 columns: Part Number, Description, Qty, Unit Price, Total. Rows include 11048 CLASS 'A' CEMENT (SALE), 1102 CALCIUM CHLORIDE (50#), 1118B PREMIUM GEL / BENTONITE.

Table with 3 columns: Sublet Performed, Description, Total. Rows include 9999-130 CASH DISCOUNT.

Table with 4 columns: Description, Hours, Unit Price, Total. Rows include 399 CEMENT PUMP (SURFACE), 399 EQUIPMENT MILEAGE (ONE WAY), 566 TON MILEAGE DELIVERY.

- 8-5/8" SURFACE CASING -

PAID
2/10/12
CHECK #: 1595

Amount Due 6448.88 if paid after 03/01/2012

Summary table with 4 columns: Parts, Labor, Sublt, Freight, Misc, Supplies, Tax, Total, AR, Change. Total amount 5803.99.

Signed

Date

- List of office locations: BARTLESVILLE, OK; EL DORADO, KS; EUREKA, KS; PONCA CITY, OK; OAKLEY, KS; OTTAWA, KS; TRAYER, KS; GILLETTE, WY.



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 33845

LOCATION Oakley

FOREMAN Rally Gabel

PO Box 884, Chanute, KS 64720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-31-12	6404	Lang Farm Partner 1-23	23	25	27W	Decatur
CUSTOMER		operating ETO Rd 12E 2N 3/16W N:INTO	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			399	Damon M		
CITY			366	Bobby		
STATE						
ZIP CODE						

JOB TYPE Surge HOLE SIZE 12 1/4 HOLE DEPTH 279 CASING SIZE & WEIGHT 8 3/8 24#
 CASING DEPTH 284 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 148 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 20'
 DISPLACEMENT 16 3/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting, rigged up on Integrity Drilling. Hooked up to circulate. Mixed 185 sks com 39 bcc 20 gal, displaced with 16 3/4 bbl water, shut in, washed out pumps & lines, rigged down & left location.

Cement did circulate

approx 3 bbl to pit

Thank you
Rally & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1085 ⁰⁰	1085 ⁰⁰
5406	65	MILEAGE	5 ⁰⁰	325 ⁰⁰
11045	185 sks	Class A Cement	17 ⁶⁵	3265 ²⁵
5407A	8.7	non mileage delivery	107	942 ⁹⁰
1102	521#	calcium chloride	.89	463 ⁶⁹
1118B	348#	Bentonite	.25	87 ⁰⁰
				6170 ³³
		Less 109 bbl disc		6170 ⁰³
				5553 ³⁹
		247595		
			SALES TAX	250.70
			ESTIMATED TOTAL	5803.99

Rev 07/07

12:30AM

AUTHORIZATION

Jim Morris

TITLE

DATE

1-31-12

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.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 247729

Invoice Date: 02/09/2012 Terms: 10/10/30,n/30 Page 1

PRAIRIE FIRE PETROLEUM, LLC
P.O. BOX 38
NORTON KS 67654-0038
(785) 874-4840

LONG1-23
33906
23-2S-27W
2-6-2012
KS

ORIGINAL

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	205.00	15.1000	3095.50
1118B	PREMIUM GEL / BENTONITE	705.00	.2500	176.25
1107	FLO-SEAL (25#)	51.00	2.8200	143.82
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00
Sublet Performed				
9999-130	CASH DISCOUNT			-351.16
9999-130	CASH DISCOUNT			-260.74
Description	Hours	Unit Price	Total	
439 TON MILEAGE DELIVERY	573.30	1.67	957.41	
463 P & A NEW WELL	1.00	1325.00	1325.00	
463 EQUIPMENT MILEAGE (ONE WAY)	65.00	5.00	325.00	

PAID
2/13/12

CHECK #: 1606

- PLUG TO ABANDON -

Amount Due 6375.33 if paid after 03/10/2012

Parts:	3511.57	Freight:	.00	Tax:	230.72	AR	5737.80
Labor:	.00	Misc:	.00	Total:	5737.80		
Sublt:	-611.90	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022 EUREKA, KS 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-2227 OTTAWA, KS 785/242-4044 THAYER, KS 620/839-5269 GILLETTE, WY 307/686-4914



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 33906
LOCATION Oakley
FOREMAN Fuzzy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-6-12	6404	Long 1-23	23	25	27W	DeKalb

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
PRAIRIE FIRE MAILING ADDRESS	463	Josh G		
	439	Bobby S		

CITY	STATE	ZIP CODE

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 3780' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 14.1 SLURRY VOL 1.40 WATER gal/sk 6.7 CEMENT LEFT In CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Integrity #7. Rig up and plug as ordered
25 sks @ 2200'
100 sks @ 1435' 205 sks 60/40 490 gal 1 1/4" flo seal
40 sks @ 320'
10 sks @ 40' w/plug
30 sks in RH

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325 ⁰⁰	1325 ⁰⁰
5406	65	MILEAGE	5 ⁰⁰	325 ⁰⁰
5407A	8.82 down	Tow mileage Delivery	1 ⁶⁷	957 ⁴¹
1131	205	60/40 pps	15 ¹⁰	3095 ⁵⁰
1118B	705*	Bentonite	125	176 ²⁵
1107	51*	Flo seal	2 ⁸²	143 ⁸²
4432	1	8 5/8 plug	96 ⁰⁰	96 ⁰⁰
		subtotal		6118 ⁹⁸
		less 109 ⁰⁰ disc		6119 ⁰⁰
		subtotal		5507 ⁰²
		247729	SALES TAX	230.72
			ESTIMATED TOTAL	5737 ⁸⁰

Rev'n 3737

AUTHORIZATION *Todd E. [Signature]* TITLE _____ DATE _____

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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 08 2017

Test Ticket

NO. 043099

Well Name & No. Long Farms Partnership #1-23 Test No. 2 Date 2-5-17
 Company Prairie Fire Petroleum Elevation 2643 KB 26
 Address PO Box 38 Norton, KS 67654
 Co. Rep / Geo. Randy Killian Rig Integrity #7
 Location: Sec. 23 Twp. 25 Rge. 27w Co. Decatur State K

Interval Tested 3557-3605 Zone Tested LKC "B-E"
 Anchor Length 48' Drill Pipe Run 3539 Mud Wt. _____
 Top Packer Depth 3553 Drill Collars Run Ø Vis _____
 Bottom Packer Depth 3557 Wt. Pipe Run Ø WL _____
 Total Depth 3605 Chlorides 2,000 ppm System _____ LCM _____
 Blow Description IF- 1/4" Blow built to 3"
IS- No Return
FF- Bob in 28 min.
FS- No Return

Rec	Feet of	%gas	%oil	%water
<u>67</u>	<u>MW</u>		<u>75</u>	
<u>19</u>	<u>MW</u>		<u>95</u>	
<u>5</u>	<u>Heavy Mud</u>			
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water

Rec Total 191 BHT 103 Gravity — API RW .25 @ 57 F Chlorides 321
 (A) Initial Hydrostatic 1739 Test 1125' T-On Location 5'
 (B) First Initial Flow 25 Jars N/C T-Started 6:1
 (C) First Final Flow 35 Safety Joint N/C T-Open 8:4
 (D) Initial Shut-In 1008 Circ Sub _____ T-Pulled 12:20
 (E) Second Initial Flow 38 Hourly Standby _____ T-Out 2:37
 (F) Second Final Flow 125 Mileage 34 RT 47⁶⁰ Comments All blow in diesel F
 (G) Final Shut-In 956 Sampler _____
 (H) Final Hydrostatic 1726 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Initial Open 5
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total Ø
 Total 1172.60
 MP/DST Disc't _____

11-77 1.0



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 08 2017

Test Ticket

NO. 043098

BY: _____

Well Name & No. Long Farm Partnership #1-23 Test No. 1 Date 2-4-
 Company Prarie Fire Petroleum, LLC Elevation 2643 KB 263
 Address PO Box 38 Norton, KS 67654
 Co. Rep / Geo. Randy Killian Rig Integrity #7
 Location: Sec. 23 Twp. 2s Rge. 27w Co. Decatur State 1

Interval Tested 3488-3560 Zone Tested TOR-LKC "A"
 Anchor Length 72' Drill Pipe Run 3467 Mud Wt. _____
 Top Packer Depth 3484 Drill Collars Run Ø Vis _____
 Bottom Packer Depth 3488 Wt. Pipe Run Ø WL _____
 Total Depth 3560 Chlorides 2,000 ppm System LCM _____

Blow Description IF - 1/8" Blow died to weak surface blow
IS - No Return
FF - No Blow
FS - No Return

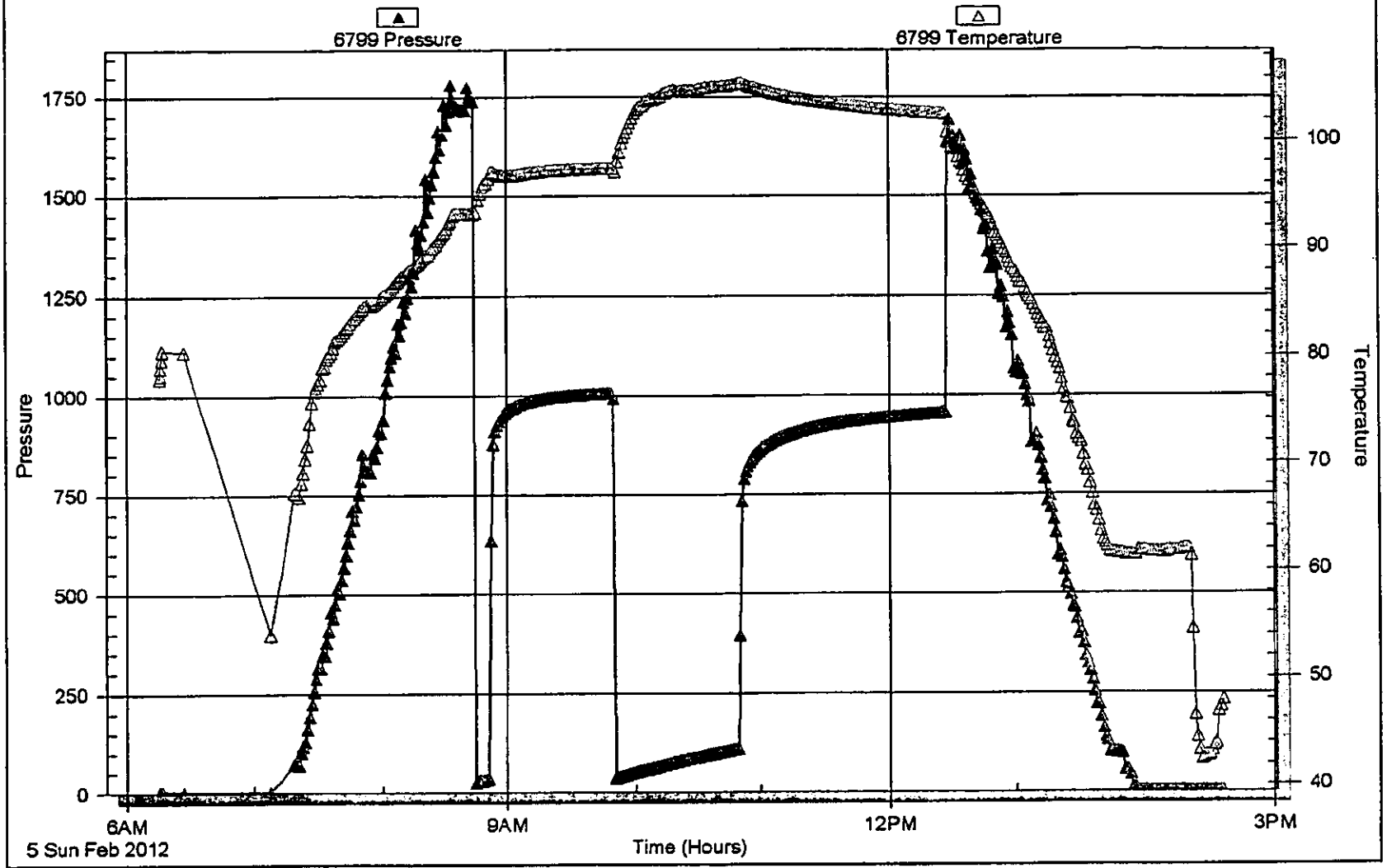
Rec	Feet of	%gas	%oil	%water
<u>15</u>	<u>Mud</u>			
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water

Rec Total 15 BHT 97 Gravity _____ API RW _____ @ _____ °F Chlorides _____

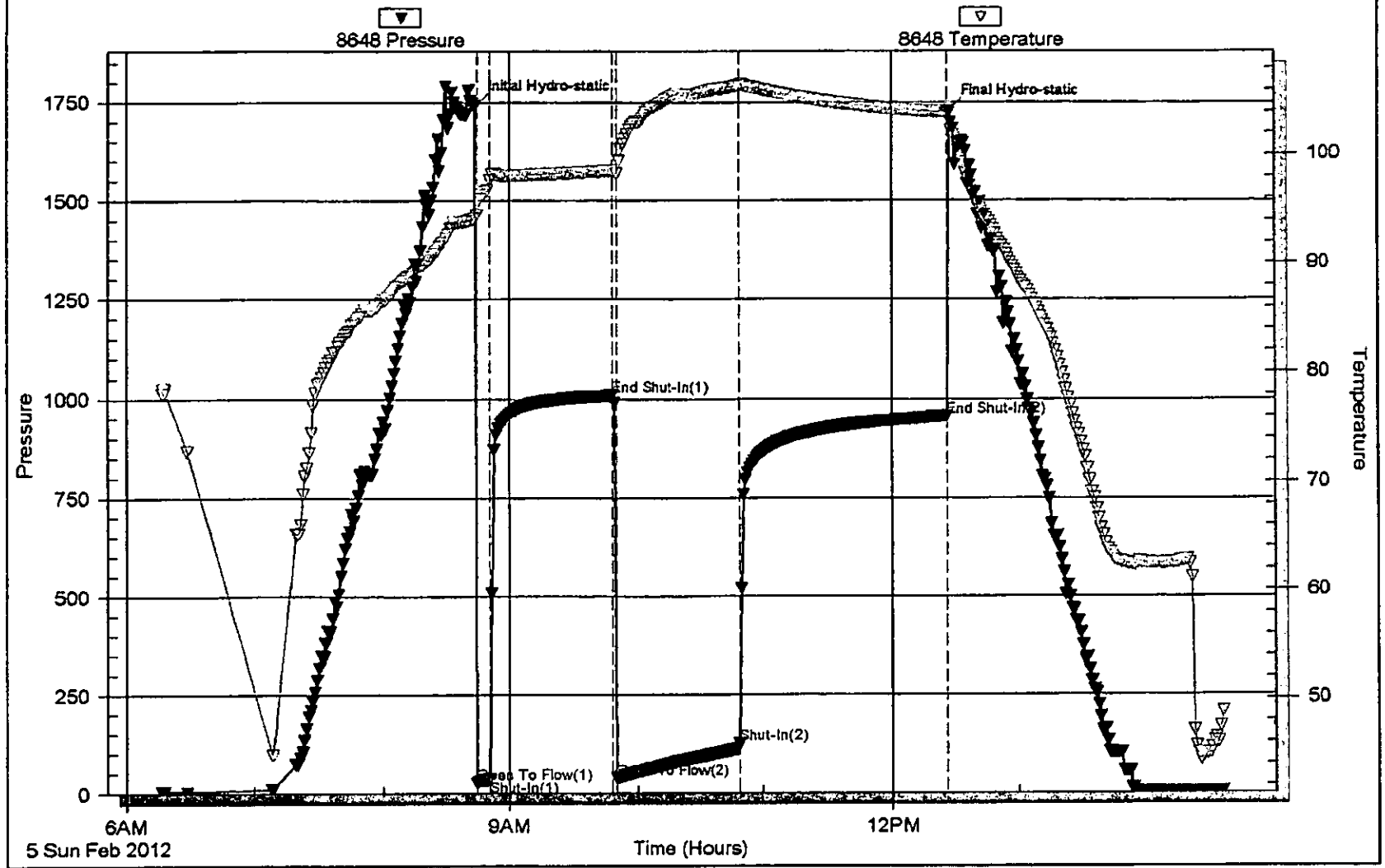
(A) Initial Hydrostatic	<u>1706</u>	<input checked="" type="checkbox"/> Test	<u>1125"</u>	T-On Location	<u>12:45</u>
(B) First Initial Flow	<u>23</u>	<input checked="" type="checkbox"/> Jars	<u>250"</u>	T-Started	<u>1:33</u>
(C) First Final Flow	<u>24</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75"</u>	T-Open	<u>4:17</u>
(D) Initial Shut-In	<u>1179</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NIC</u>	T-Pulled	<u>6:22</u>
(E) Second Initial Flow	<u>25</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>8:36</u>
(F) Second Final Flow	<u>32</u>	<input checked="" type="checkbox"/> Mileage	<u>47.60 34 RT</u>	Comments	
(G) Final Shut-In	<u>1059</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1776</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

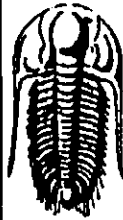
Initial Open	<u>5</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>Ø</u>
Final Shut-In	<u>30</u>	<input type="checkbox"/> Day Standby		Total	<u>1497.162</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	

Pressure vs. Time



Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMM

Prairie Fire Petroleum, LLC

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur, KS

Job Ticket: 43099

DST#: 2

ATTN: Randy Kilian

Test Start: 2012.02.05 @ 06:18:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud (heavy) 100M	0.070
119.00	MW 5M 95W	1.669
67.00	MW 25M 75W	0.940

Total Length: 191.00ft

Total Volume: 2.679 bbl

Num Fluid Samples: 0

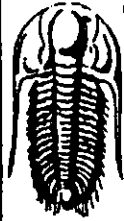
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .25 @ 57 deg. = 32000 ppm



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAG

Prairie Fire Petroleum, LLC.

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur,KS

Job Ticket: 43099

DST#: 2

ATTN: Randy Kilian

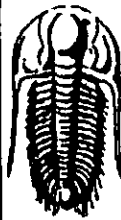
Test Start: 2012.02.05 @ 06:16:00

Tool Information

Drill Pipe:	Length: 3539.00 ft	Diameter: 3.80 inches	Volume: 49.64 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.64 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3557.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	69.00 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			3537.00	
Shut In Tool	5.00			3542.00	
Hydraulic tool	5.00			3547.00	
Packer	5.00			3552.00	21.00 Bottom Of Top Pk
Packer	5.00			3557.00	
Stub	1.00			3558.00	
Recorder	0.00	8648	Inside	3558.00	
Recorder	0.00	6799	Inside	3558.00	
Perforations	9.00			3567.00	
Change Over Sub	1.00			3568.00	
Drill Pipe	31.00			3599.00	
Change Over Sub	1.00			3600.00	
Bullnose	5.00			3605.00	48.00 Bottom Packers & An
Total Tool Length:	69.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prairie Fire Petroleum, LLC.

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur, KS

Job Ticket: 43099

DST#: 2

ATTN: Randy Kilian

Test Start: 2012.02.05 @ 06:16:00

GENERAL INFORMATION:

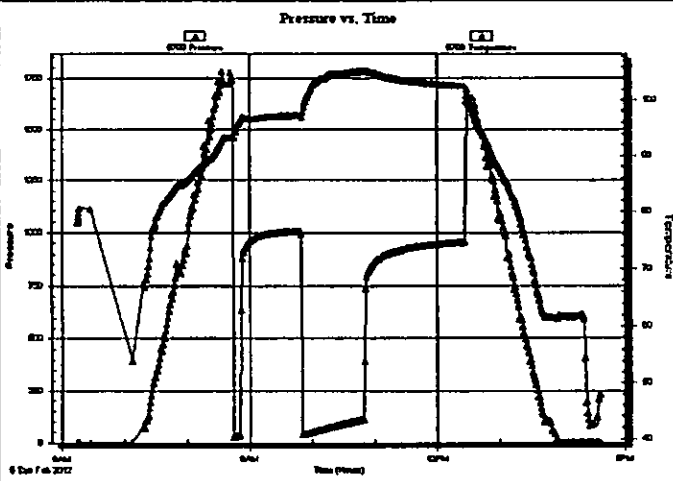
Formation: LKC "B-E"
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 06:44:45
 Time Test Ended: 14:35:15
 Interval: 3557.00 ft (KB) To 3605.00 ft (KB) (TVD)
 Total Depth: 3605.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 2643.00 ft (KB)
 2635.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6799 Inside
 Press@RunDepth: psig @ 3558.00 ft (KB)
 Start Date: 2012.02.05 End Date: 2012.02.05
 Start Time: 06:15:20 End Time: 14:36:14

Capacity: 8000.00 psig
 Last Calib.: 2012.02.05
 Time On Btmr
 Time Off Btmr

TEST COMMENT: IF- 1/4" Blow built to 3"
 IS- No Return
 FF- BoB in 28 min
 FS- No Return



PRESSURE SUMMARY

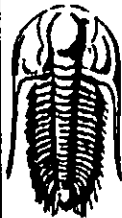
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (heavy) 100M	0.07
119.00	MW 5M 95W	1.67
67.00	MW 25M 75W	0.94

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (M



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prairie Fire Petroleum, LLC

PO BOX 38
Norton, KS 67654

ATTN: Randy Kilian

Long Partnership #1-23

23-2s-27w Decatur, KS

Job Ticket: 43099

DST#: 2

Test Start: 2012.02.05 @ 06:16:00

GENERAL INFORMATION:

Formation: LKC "B-E"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:44:45

Time Test Ended: 14:35:15

Test Type: Conventional Bottom Hole (Initi

Tester: Kevin Mack

Unit No: 43

Interval: 3557.00 ft (KB) To 3605.00 ft (KB) (TVD)

Reference Elevations: 2843.00 ft (KE

Total Depth: 3605.00 ft (KB) (TVD)

2635.00 ft (CF

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8648

Inside

Press@RunDepth: 125.65 psig @ 3558.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.02.05

End Date:

2012.02.05

Last Calib.:

2012.02.05

Start Time: 06:16:05

End Time:

14:35:14

Time On Btm

2012.02.05 @ 08:43:45

Time Off Btm

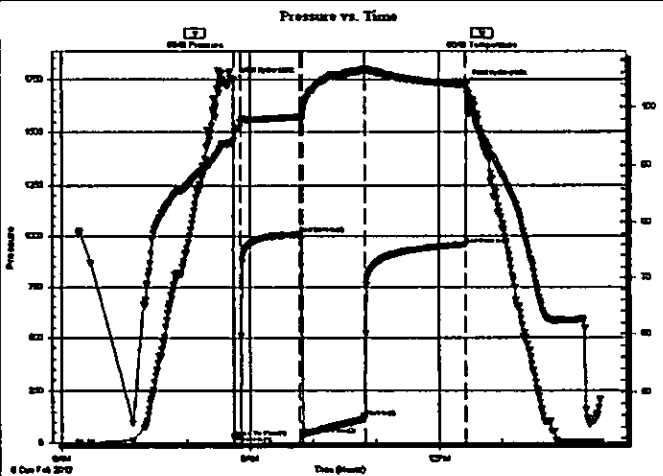
2012.02.05 @ 12:26:45

TEST COMMENT: IF- 1/4" Blow built to 3"

IS- No Return

FF- BoB in 28 min

FS- No Return



PRESSURE SUMMARY

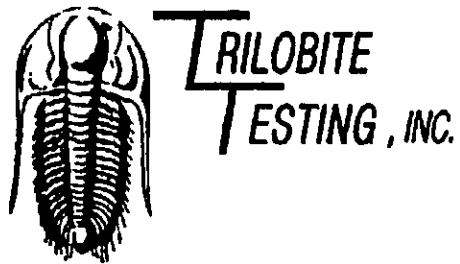
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.86	94.03	Initial Hydro-static
1	25.64	94.36	Open To Flow (1)
7	35.15	97.58	Shut-In(1)
64	1008.97	98.47	End Shut-In(1)
66	38.22	98.17	Open To Flow (2)
125	125.65	106.36	Shut-In(2)
222	956.63	103.85	End Shut-In(2)
223	1726.17	103.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (heavy) 100M	0.07
119.00	MV 5M 95W	1.67
67.00	MV 25M 75W	0.94

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (ft



DRILL STEM TEST REPORT

Prepared For: **Prairie Fire Petroleum, LLC.**

PO BOX 38
Norton, KS 67654

ATTN: Randy Kilian

23-2s-27w Decatur,KS

Long Partnership #1-23

Start Date: 2012.02.05 @ 06:16:00

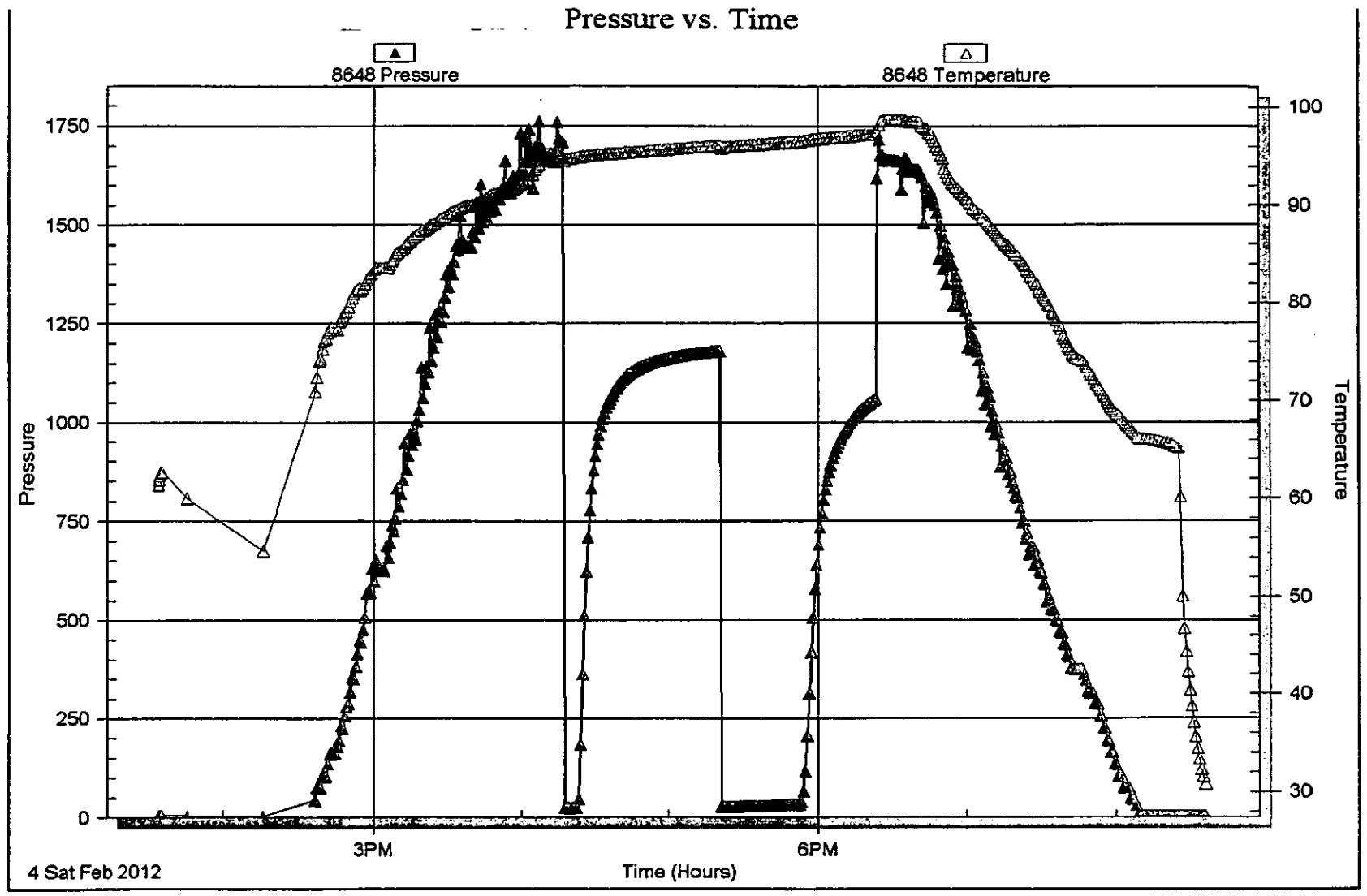
End Date: 2012.02.05 @ 14:35:15

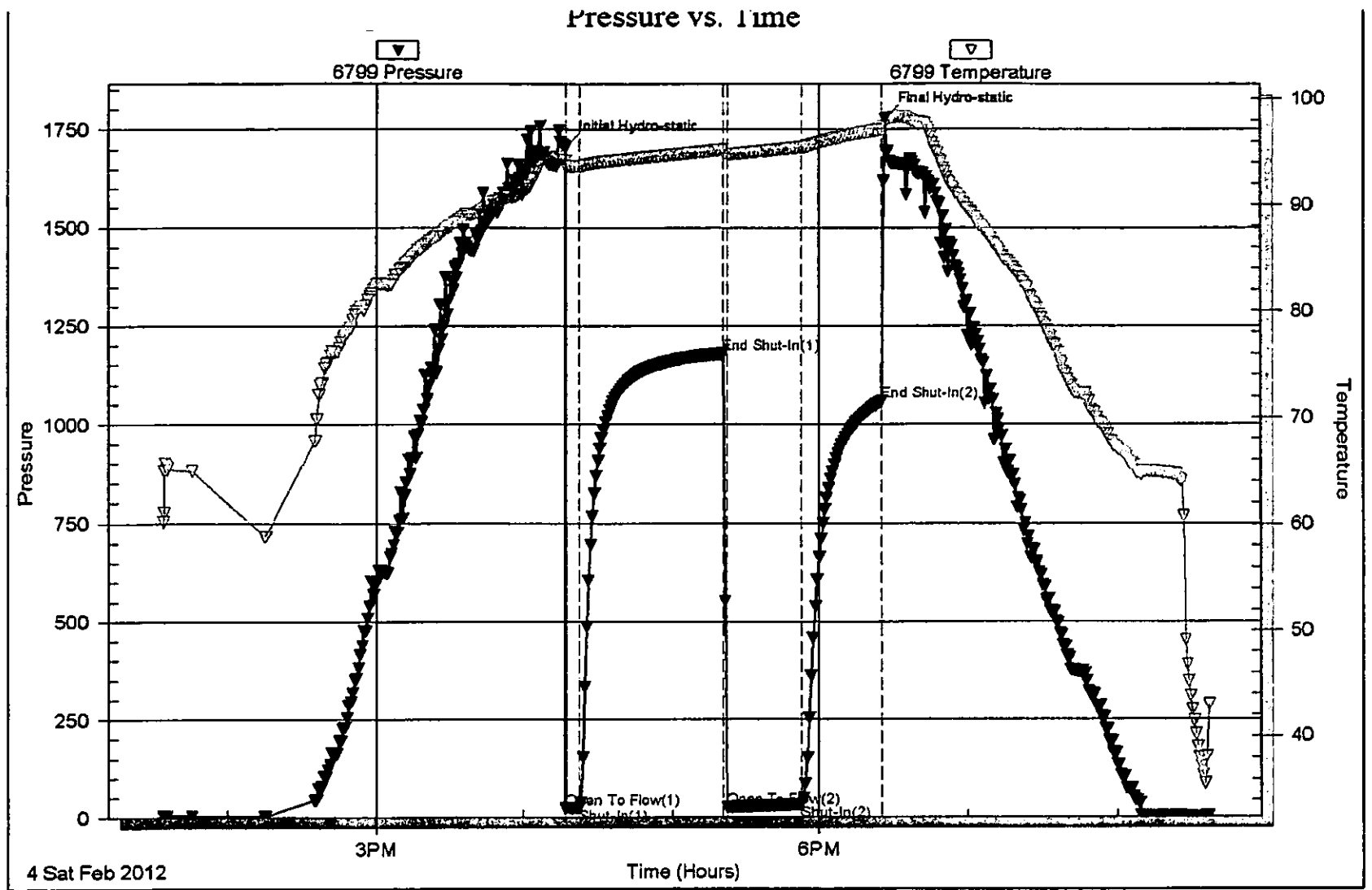
Job Ticket #: 43099 DST #: 2

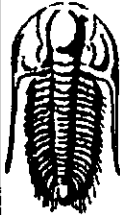
Triobite Testing, Inc

PO Box 362 Hays, KS 67601

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







**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMM

Prairie Fire Petroleum, LLC

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur, KS

Job Ticket: 43098

DST#: 1

ATTN: Randy Kilian

Test Start: 2012.02.04 @ 13:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in"

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100M	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAG

Prairie Fire Petroleum, LLC

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur,KS

Job Ticket: 43098

DST#: 1

ATTN: Randy Kitan

Test Start: 2012.02.04 @ 13:33.00

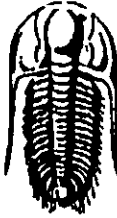
Tool Information

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			Total Volume: 48.63 bbl	Tool Chased	ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3488.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.00 ft				
Tool Length:	101.00 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			3460.00	
Shut In Tool	5.00			3465.00	
Hydraulic tool	5.00			3470.00	
Jars	5.00			3475.00	
Safety Joint	3.00			3478.00	
Packer	5.00			3483.00	29.00 Bottom Of Top Pa
Packer	5.00			3488.00	
Stubb	1.00			3489.00	
Recorder	0.00	8648	inside	3489.00	
Recorder	0.00	6799	inside	3489.00	
Perforations	3.00			3492.00	
Change Over Sub	1.00			3493.00	
Drill Pipe	63.00			3556.00	
Change Over Sub	1.00			3557.00	
Bullnose	3.00			3560.00	72.00 Bottom Packers & An

Total Tool Length: 101.00



TRIBOLITE TESTING, INC

DRILL STEM TEST REPORT

Prairie Fire Petroleum, LLC

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur, KS

ATTN: Randy Kilian

Job Ticket: 43098

DST#: 1

Test Start: 2012.02.04 @ 13:33:00

GENERAL INFORMATION:

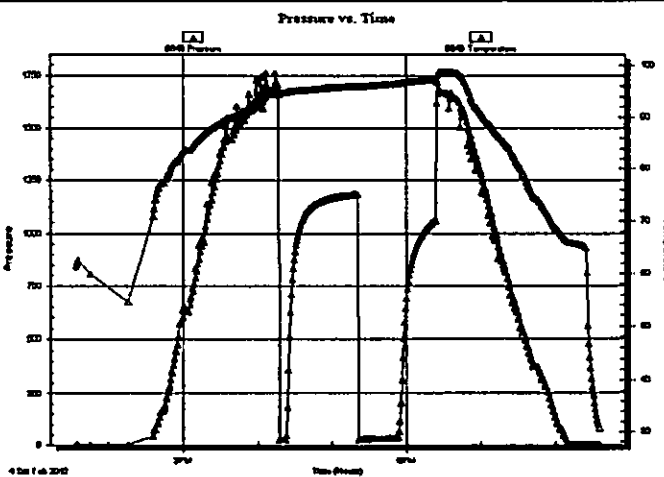
Formation: **Tor-LKC "A"**
 Deviated: No Whipstock ft (KB)
 Time Tool Opened: 16:17:15
 Time Test Ended: 20:36:45

Interval: 3488.00 ft (KB) To 3560.00 ft (KB) (TVD)
 Total Depth: 3680.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 43
 Reference Elevations: 2643.00 ft (KB), 2635.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: **8648** Inside
 Press@RunDepth: psig @ 3489.00 ft (KB)
 Start Date: 2012.02.04 End Date: 2012.02.04 Capacity: 8000.00 psig
 Start Time: 13:33:50 End Time: 20:35:44 Last Calib.: 2012.02.04
 Time On Btm
 Time Off Btm

TEST COMMENT: IF- 1/8" Blow died to weak surface blow.
 IS- No Return
 FF- No Blow
 FS- No Return



PRESSURE SUMMARY

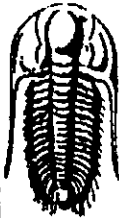
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100M	0.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (M



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prairie Fire Petroleum, LLC.

Long Partnership #1-23

PO BOX 38
Norton, KS 67654

23-2s-27w Decatur, KS

Job Ticket: 43098

DST#: 1

ATTN: Randy Kilian

Test Start: 2012.02.04 @ 13:33:00

GENERAL INFORMATION:

Formation: **Tor-LKC "A"**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 16:17:15
 Time Test Ended: 20:36:45

Test Type: **Conventional Bottom Hole (Init)**
 Tester: **Kevin Mack**
 Unit No: **43**

Interval: **3488.00 ft (KB) To 3560.00 ft (KB) (TVD)**
 Total Depth: **3680.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2643.00 ft (KE)**
2635.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **32.16 psig @ 3489.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.02.04**

End Date: **2012.02.04**

Last Calib.: **2012.02.04**

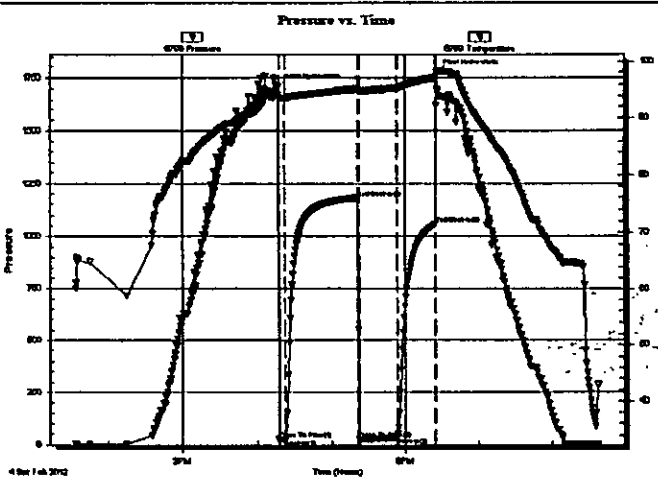
Start Time: **13:33:05**

End Time: **20:36:44**

Time On Btm: **2012.02.04 @ 16:17:00**

Time Off Btm: **2012.02.04 @ 18:26:00**

TEST COMMENT: IF- 1/8" Blow died to weak surface blow
 IS- No Return
 FF- No Blow
 FS- No Return



PRESSURE SUMMARY

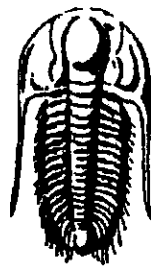
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.13	94.20	Initial Hydro-static
1	23.61	93.69	Open To Flow (1)
6	24.64	93.65	Shut-In(1)
64	1179.50	95.21	End Shut-In(1)
66	25.91	94.83	Open To Flow (2)
97	32.16	95.42	Shut-In(2)
128	1059.47	97.08	End Shut-In(2)
129	1776.66	98.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100M	0.21

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (ft)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Prairie Fire Petroleum, LLC.**

P.O. BOX 38
Norton, KS 67654

ATTN: Randy Kilian

23-2s-27w Decatur,KS

Long Partnership #1-23

Start Date: 2012.02.04 @ 13:33:00

End Date: 2012.02.04 @ 20:36:45

Job Ticket #: 43098 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2012.02.09 @ 10:40:15