

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33629
Name: Great Plains Energy, Inc.
Address 1: PO Box 292
Address 2: 429 N. Linden
City: Wahoo State: NE Zip: 68066 + _____
Contact Person: Dan Blankenau
Phone: (402) 277-5336
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Richard Bell
Purchaser: None
Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
 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. ____ Conv. to SWD
____ Plug Back: _____ Plug Back Total Depth
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
____ Other (SWD or Enhr.?) Docket No.: _____
7/1/08 7/11/08 7/12/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-101-22110-0000
Spot Description: _____
NW NW SE NW Sec. 29 Twp. 16 S. R. 30 East West
1440 Feet from North / South Line of Section
1560 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Lane
Lease Name: Brand/Compton Well #: 1
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2873 Kelly Bushing: 2883
Total Depth: 4690 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 268 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 P+A A1+II NUR
(Data must be collected from the Reserve Pit) 10-5-09
Chloride content: 2500 ppm Fluid volume: 1100 bbls
Dewatering method used: Air dried then back filled.
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: [Signature]
Title: President Date: _____
Subscribed and sworn to before me this 23rd day of September,
20 09.
Notary Public: [Signature]
Date Commission Expires: 1-21-2010

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 25 2009
CONSERVATION DIVISION
WICHITA, KS

GENERAL NOTARY - State of Nebraska
PATRICIA K. STYSKAL
My Comm. Exp. Jan. 21, 2010

Operator Name: Great Plains Energy, Inc. Lease Name: Brand/Compton Well #: 1
 Sec. 29 Twp. 16 S. R. 30 East West County: Lane

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 <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 <i>(Submit Copy)</i> List All E. Logs Run: CD/NL, DIL, Micro ✓	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2292</td> <td>+591</td> </tr> <tr> <td>Base</td> <td>2314</td> <td>+569</td> </tr> <tr> <td>Topeka</td> <td>3691</td> <td>-808</td> </tr> <tr> <td>Heebner</td> <td>3927</td> <td>-1044</td> </tr> <tr> <td>Lansing</td> <td>3964</td> <td>-1081</td> </tr> <tr> <td>Fort Scott</td> <td>4493</td> <td>-1610</td> </tr> <tr> <td>Mississippian</td> <td>4600</td> <td>-1717</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	2292	+591	Base	2314	+569	Topeka	3691	-808	Heebner	3927	-1044	Lansing	3964	-1081	Fort Scott	4493	-1610	Mississippian	4600	-1717
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Lansing	3964	-1081																										
Fort Scott	4493	-1610																										
Mississippian	4600	-1717																										

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#	263	Common	185	3%cc, 2% gel

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 25 2009

CONSERVATION DIVISION
WICHITA, KS

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: None, P&A
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ALLIED CEMENTING CO., LLC. 31728

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

SERVICE POINT: Oakley, KS

DATE 7-11-08	SEC. 29	TWP. 16S	RANGE 30W	CALLED OUT	ON LOCATION 7:30am	JOB START 12:15pm	JOB FINISH 1:25pm
BRAND/LEASE Compton		WELL# #1	LOCATION Healy w- city line			COUNTY Lane	STATE KS
OLD OR <u>NEW</u> (Circle one)			20-16-noon				

CONTRACTOR Murphy Dals #14 OWNER same

TYPE OF JOB PTA

HOLE SIZE <u>7 7/8</u>	T.D. <u>4690'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2330'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT
AMOUNT ORDERED 265 60/40 nos
40 nos cel 114 # 26-seal

COMMON	<u>159</u>	@ <u>15⁴⁵</u>	<u>2456⁵⁵</u>
POZMIX	<u>106</u>	@ <u>8⁰⁰</u>	<u>848⁰⁰</u>
GEL	<u>9</u>	@ <u>20⁰⁰</u>	<u>187²⁰</u>
CHLORIDE		@	
ASC		@	
		@	
<u>26-seal</u>	<u>66⁰⁰</u>	@ <u>2⁵⁰</u>	<u>165⁰⁰</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>274</u>	@ <u>2⁴⁰</u>	<u>657⁶⁰</u>
MILEAGE	<u>108.5</u>	<u>15.00/mile</u>	<u>1627⁵⁰</u>
TOTAL			<u>5684³⁵</u>

EQUIPMENT

PUMP TRUCK CEMENTER Fuzz4
431 HELPER Kelly

BULK TRUCK
399 DRIVER Jerry

BULK TRUCK
DRIVER

REMARKS:

50 SKS @ 2330'
80 SKS @ 1500' Job complete
40 SKS @ 700' @ 1:00pm
50 SKS @ 300'
20 SKS @ 60' Thanks
15 SKS @ RH Fuzz4
10 SKS @ MH crew

SERVICE

DEPTH OF JOB	<u>2330'</u>
PUMP TRUCK CHARGE	<u>1185⁰⁰</u>
EXTRA FOOTAGE	@
MILEAGE	<u>50 @ 7⁰⁰ 350⁰⁰</u>
MANIFOLD	@
	@
	@

CHARGE TO: Great Plains Energy Inc

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1535⁰⁰

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.

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME GREG LNUK

SIGNATURE [Signature]

ALLIED CEMENTING CO., LLC. 31893

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

SERVICE POINT: OAKLEY

DATE <u>7-1-08</u>	SEC. <u>29</u>	TWP. <u>16S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>4:45 PM</u>	JOB START <u>5:30 AM</u>	JOB FINISH <u>6:00 AM</u>
BRAND-COMPTON LEASE		WELL # <u>1</u>	LOCATION <u>HEALY HW-2N-1E-3/4N</u>		COUNTY <u>LANE</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR MURFEN DRILL RIG #14

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 268'

CASING SIZE 8 7/8" DEPTH 268'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 16 1/4"

OWNER SAME

CEMENT AMOUNT ORDERED 185 SKS COM 3% CC 2% GEL

COMMON	<u>185 SK</u>	@	<u>15.45</u>	<u>2858.25</u>
POZMIX		@		
GEL	<u>4 SKS</u>	@	<u>20.80</u>	<u>83.20</u>
CHLORIDE	<u>7 SKS</u>	@	<u>58.30</u>	<u>407.10</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>196 SKS</u>	@	<u>2.40</u>	<u>470.40</u>
MILEAGE	<u>104 PER SK/MI</u>			<u>1038.80</u>
				<u>TOTAL 4858.25</u>

EQUIPMENT

PUMP TRUCK # 423-281 CEMENTER TERRY HELPER AIVEN

BULK TRUCK # 377 DRIVER REX

BULK TRUCK # _____ DRIVER _____

REMARKS:

CEMENT DIED CORRE.

THANK YOU

SERVICE

DEPTH OF JOB 268'

PUMP TRUCK CHARGE 1018.00

EXTRA FOOTAGE @ _____

MILEAGE 53 MI @ 7.00 371.00

MANIFOLD @ _____

TOTAL 1389.00

CHARGE TO: GREAT PLAINS

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 5/8" SURFACE PLUG 68.00

@ _____

@ _____

@ _____

@ _____

TOTAL 68.00

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.

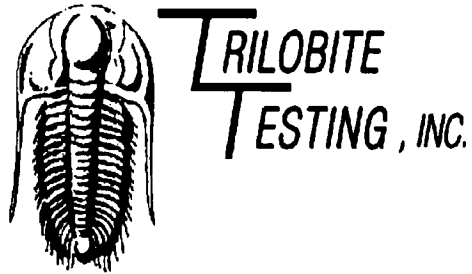
PRINTED NAME Craig Unruh

SIGNATURE Craig Unruh

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

29 16S 30W Lane KS

Brand/Compton # 1

Start Date: 2008.07.07 @ 11:44:20

End Date: 2008.07.07 @ 19:25:59

Job Ticket #: 31352 DST #: 1

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

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KANSAS CORPORATION COMMISSION

SEP 25 2009

CONSERVATION DIVISION
WICHITA, KS

Printed: 2008.07.14 @ 15:01:20 Page 1

Great Plains Energy Inc

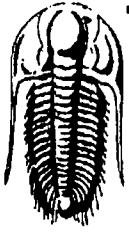
Brand/Compton # 1

29 16S 30W Lane KS

DST # 1

LKC 'K.L.' Pleasanto

2008.07.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Great Plains Energy Inc

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

Brand/Compton # 1

29 16S 30W Lane KS

Job Ticket: 31352

DST#: 1

Test Start: 2008.07.07 @ 11:44:20

GENERAL INFORMATION:

Formation: **LKC 'KL', Pleasanto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:53:20

Time Test Ended: 19:25:59

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4228.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Total Depth: 4325.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2883.00 ft (KB)

2872.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **8017**

Inside

Press@RunDepth: 742.62 psig @ 4230.00 ft (KB)

Start Date: 2008.07.07

End Date:

2008.07.07

Start Time: 11:44:21

End Time:

19:26:00

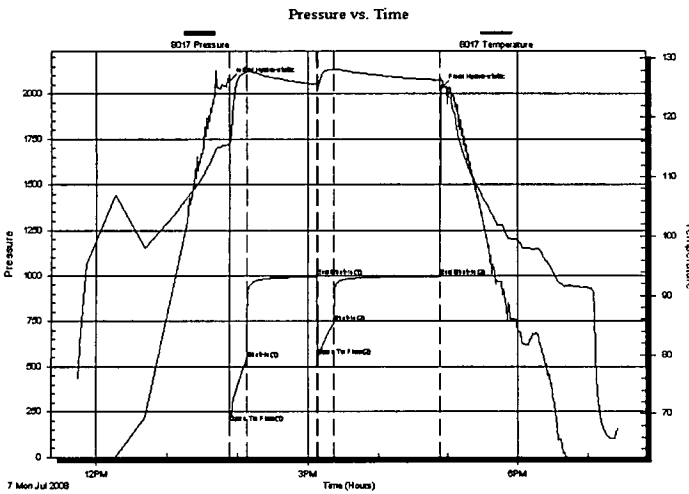
Capacity: 7000.00 psig

Last Calib.: 2008.07.07

Time On Btm: 2008.07.07 @ 13:53:00

Time Off Btm: 2008.07.07 @ 16:55:10

TEST COMMENT: IF BOB @ 1 3/4 min.
ISI No return
FF BOB @ 2 1/2 min.
FSI No return



PRESSURE SUMMARY

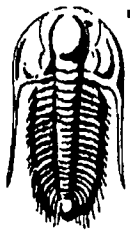
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2068.22	115.54	Initial Hydro-static
1	190.18	115.13	Open To Flow (1)
15	539.67	127.75	Shut-In (1)
75	994.90	125.60	End Shut-In (1)
75	557.07	125.41	Open To Flow (2)
90	742.62	128.09	Shut-In (2)
181	995.20	126.33	End Shut-In (2)
183	2031.82	126.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
181.00	MCW 10%M 90%W	0.89
1444.00	WCMw/Ospots in 115" 10%W 90%M	17.23

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31352

DST#: 1

ATTN: Richard Bell

Test Start: 2008.07.07 @ 11:44:20

Tool Information

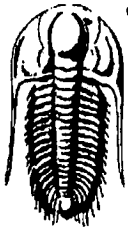
Drill Pipe:	Length: 3715.10 ft	Diameter: 3.80 inches	Volume: 52.11 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 513.00 ft	Diameter: 2.25 inches	Volume: 2.52 bbl	Weight to Pull Loose: 98000.00 lb
			<u>Total Volume: 54.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.10 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4228.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	97.00 ft			
Tool Length:	125.00 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			4201.00	
Shut In Tool	5.00			4206.00	
Hydraulic tool	5.00			4211.00	
Jars	5.00			4216.00	
Safety Joint	3.00			4219.00	
Packer	5.00			4224.00	28.00 Bottom Of Top Packer
Packer	4.00			4228.00	
Stubb	1.00			4229.00	
Perforations	1.00			4230.00	
Recorder	0.00	8017	Inside	4230.00	
Recorder	0.00	8351	Inside	4230.00	
Perforations	25.00			4255.00	
Change Over Sub	1.00			4256.00	
Drill Pipe	63.00			4319.00	
Change Over Sub	1.00			4320.00	
Bullnose	5.00			4325.00	97.00 Bottom Packers & Anchor
Total Tool Length:	125.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31352

DST#: 1

ATTN: Richard Bell

Test Start: 2008.07.07 @ 11:44:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
181.00	MCW 10%M 90%W	0.890
1444.00	WCW/Ospots in 115" 10%W 90%M	17.231

Total Length: 1625.00 ft Total Volume: 18.121 bbl

Num Fluid Samples: 0

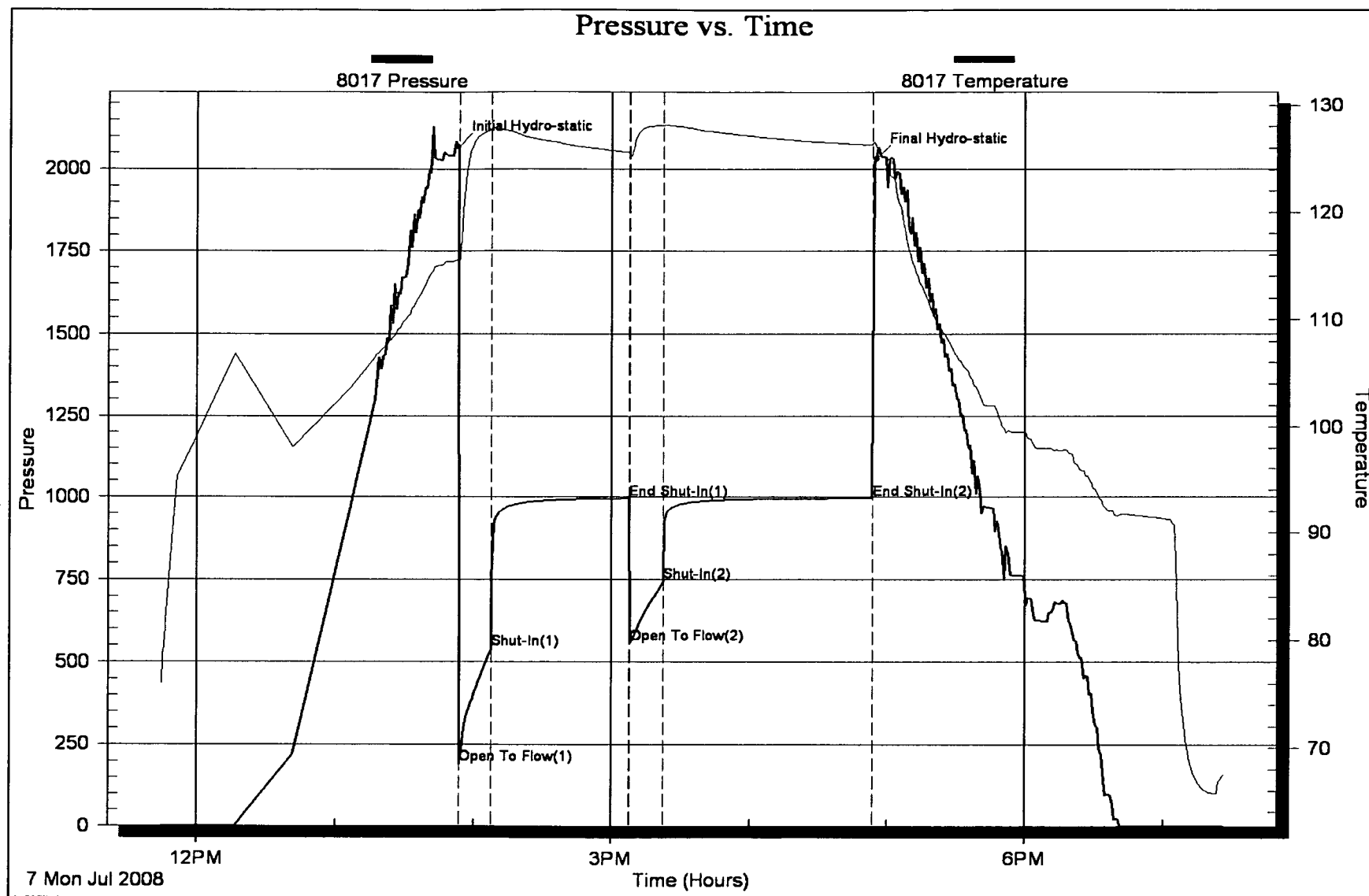
Num Gas Bombs: 0

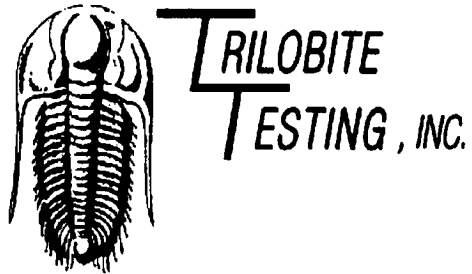
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .250 @75 Degrees F = 28000 chlorides.





DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

29 16S 30W Lane KS

Brand/Compton # 1

Start Date: 2008.07.08 @ 11:21:45

End Date: 2008.07.08 @ 17:41:45

Job Ticket #: 31353 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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Great Plains Energy Inc

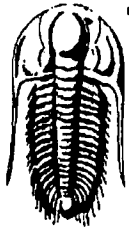
Brand/Compton # 1

29 16S 30W Lane KS

DST # 2

Altamont B,C

2008.07.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Great Plains Energy Inc

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

Brand/Compton # 1

29 16S 30W Lane KS

Job Ticket: 31353

DST#: 2

Test Start: 2008.07.08 @ 11:21:45

GENERAL INFORMATION:

Formation: **Altamont B,C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:24:05

Time Test Ended: 17:41:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4380.00 ft (KB) To 4430.00 ft (KB) (TVD)**

Total Depth: 4430.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2883.00 ft (KB)

2872.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **8017**

Inside

Press@RunDepth: 20.24 psig @ 4382.00 ft (KB)

Start Date: 2008.07.08

End Date:

2008.07.08

Start Time: 11:21:46

End Time:

17:41:45

Capacity: 7000.00 psig

Last Calib.: 2008.07.08

Time On Btm: 2008.07.08 @ 13:23:55

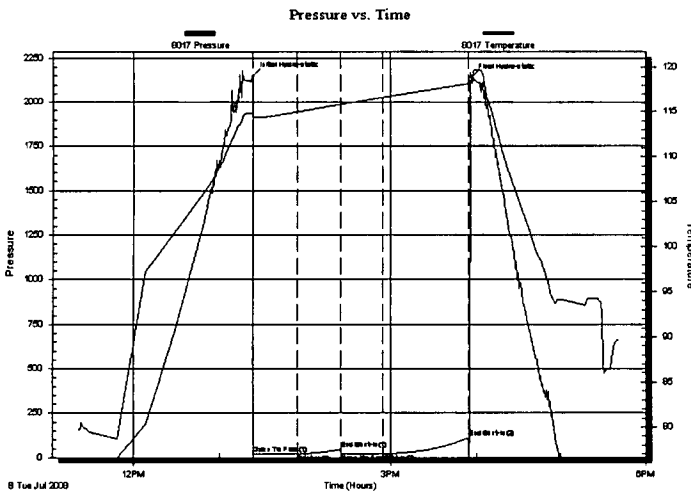
Time Off Btm: 2008.07.08 @ 15:56:54

TEST COMMENT: IF Weak surface blow died @ 12 min.

ISI No return

FF No blow

FSI No return



PRESSURE SUMMARY

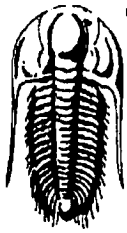
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.98	114.91	Initial Hydro-static
1	18.28	114.18	Open To Flow (1)
31	19.31	114.95	Shut-In(1)
61	45.27	115.82	End Shut-In(1)
61	18.25	115.81	Open To Flow (2)
91	20.24	116.65	Shut-In(2)
151	112.17	118.18	End Shut-In(2)
153	2140.29	118.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	DM 100%M	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

ATTN: Richard Bell

Job Ticket: 31353

DST#: 2

Test Start: 2008.07.08 @ 11:21:45

Tool Information

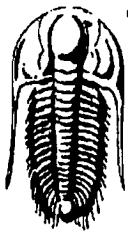
Drill Pipe:	Length: 3868.00 ft	Diameter: 3.80 inches	Volume: 54.26 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 513.00 ft	Diameter: 2.25 inches	Volume: 2.52 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 56.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4380.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 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			4353.00	
Shut In Tool	5.00			4358.00	
Hydraulic tool	5.00			4363.00	
Jars	5.00			4368.00	
Safety Joint	3.00			4371.00	
Packer	5.00			4376.00	28.00 Bottom Of Top Packer
Packer	4.00			4380.00	
Stubb	1.00			4381.00	
Perforations	1.00			4382.00	
Recorder	0.00	8017	Inside	4382.00	
Recorder	0.00	8351	Inside	4382.00	
Perforations	9.00			4391.00	
Change Over Sub	1.00			4392.00	
Drill Pipe	32.00			4424.00	
Change Over Sub	1.00			4425.00	
Bullnose	5.00			4430.00	50.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31353

DST#: 2

ATTN: Richard Bell

Test Start: 2008.07.08 @ 11:21:45

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	DM 100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

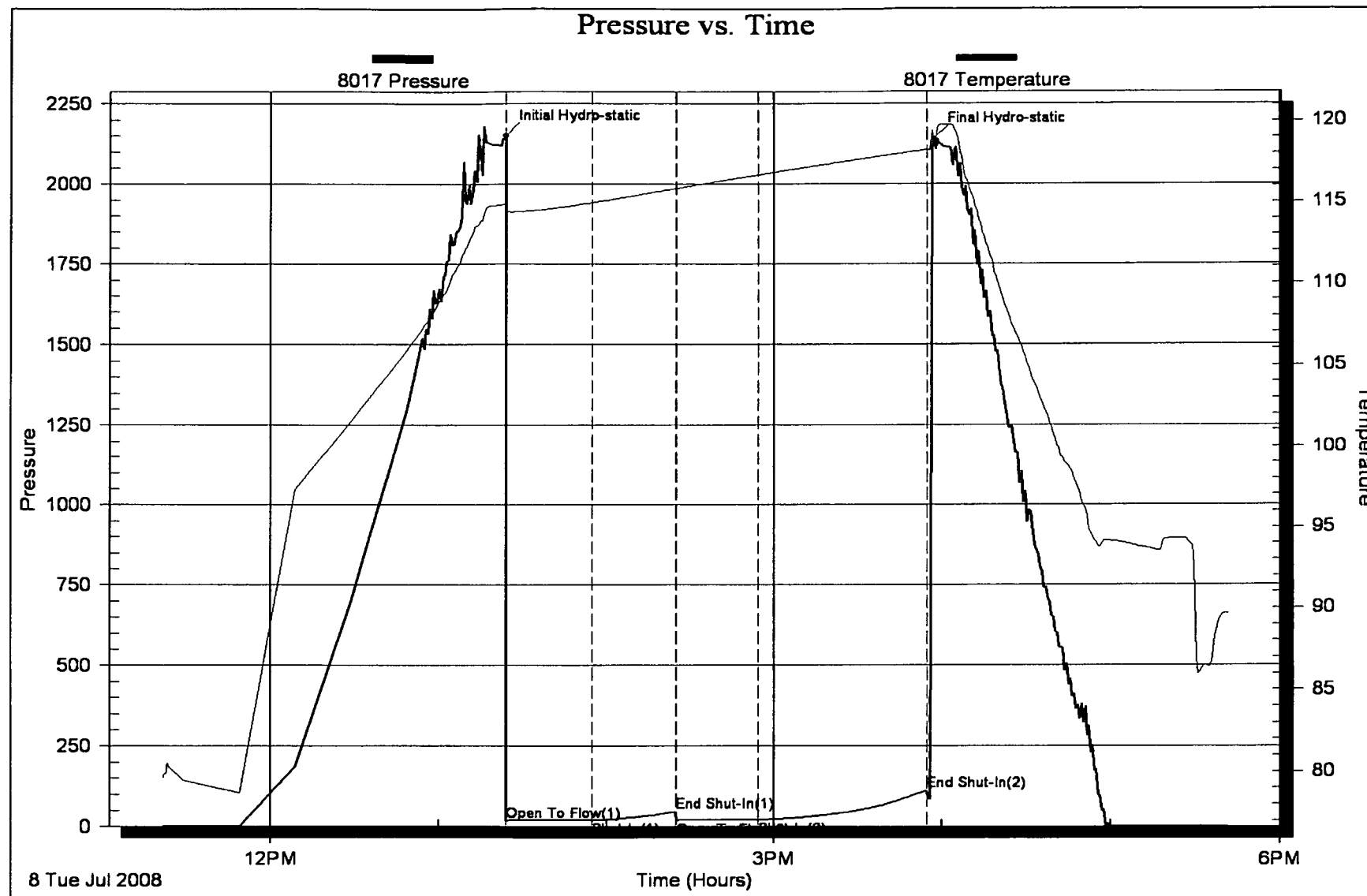
Num Gas Bombs: 0

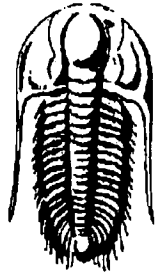
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

29 16S 30W Lane KS

Brand/Compton # 1

Start Date: 2008.07.09 @ 14:48:08

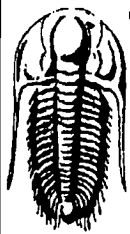
End Date: 2008.07.09 @ 21:14:47

Job Ticket #: 31354 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

Great Plains Energy Inc

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

Brand/Compton # 1

29 16S 30W Lane KS

Job Ticket: 31354

DST#: 3

Test Start: 2008.07.09 @ 14:48:08

GENERAL INFORMATION:

Formation: **(Cherokee) Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:30:58

Time Test Ended: 21:14:47

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4538.00 ft (KB) To 4578.00 ft (KB) (TVD)**

Total Depth: 4578.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2883.00 ft (KB)

2872.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **8017**

Inside

Press@RunDepth: 43.44 psig @ 4540.00 ft (KB)

Start Date: 2008.07.09

End Date:

2008.07.09

Start Time: 14:48:09

End Time:

21:14:48

Capacity: 7000.00 psig

Last Calib.: 2008.07.09

Time On Btm: 2008.07.09 @ 16:30:48

Time Off Btm: 2008.07.09 @ 19:32:17

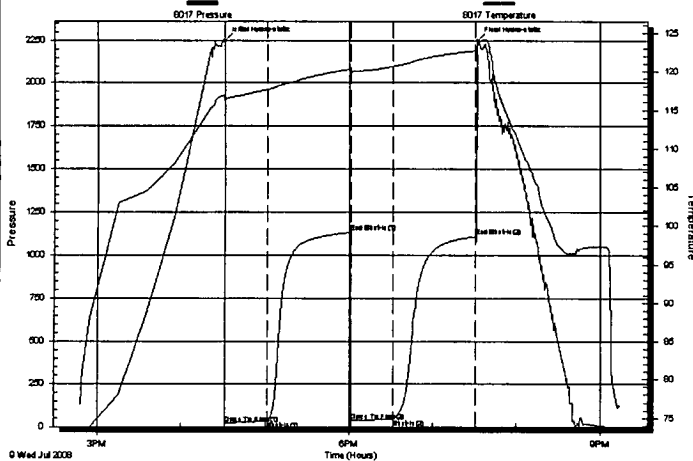
TEST COMMENT: IF 3/4 " blow died @ 29 min.

ISI No return

FF No blow

FSI No return

Pressure vs. Time



PRESSURE SUMMARY

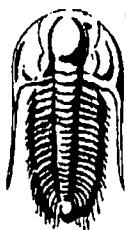
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2248.35	116.93	Initial Hydro-static
1	18.35	115.69	Open To Flow (1)
31	31.77	117.65	Shut-In(1)
90	1133.90	120.27	End Shut-In(1)
91	34.86	119.95	Open To Flow (2)
121	43.44	120.68	Shut-In(2)
181	1110.38	122.75	End Shut-In(2)
182	2248.59	123.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	OCM 7%O 93%M	0.22

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31354

DST#: 3

ATTN: Richard Bell

Test Start: 2008.07.09 @ 14:48:08

Tool Information

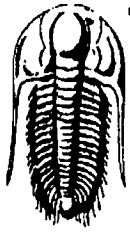
Drill Pipe:	Length: 4026.00 ft	Diameter: 3.80 inches	Volume: 56.47 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 513.00 ft	Diameter: 2.25 inches	Volume: 2.52 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 58.99 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4538.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			4511.00	
Shut In Tool	5.00			4516.00	
Hydraulic tool	5.00			4521.00	
Jars	5.00			4526.00	
Safety Joint	3.00			4529.00	
Packer	5.00			4534.00	28.00 Bottom Of Top Packer
Packer	4.00			4538.00	
Stubb	1.00			4539.00	
Perforations	1.00			4540.00	
Recorder	0.00	8017	Inside	4540.00	
Recorder	0.00	8351	Inside	4540.00	
Change Over Sub	1.00			4541.00	
Drill Pipe	31.00			4572.00	
Change Over Sub	1.00			4573.00	
Bullnose	5.00			4578.00	40.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31354

DST#: 3

ATTN: Richard Bell

Test Start: 2008.07.09 @ 14:48:08

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

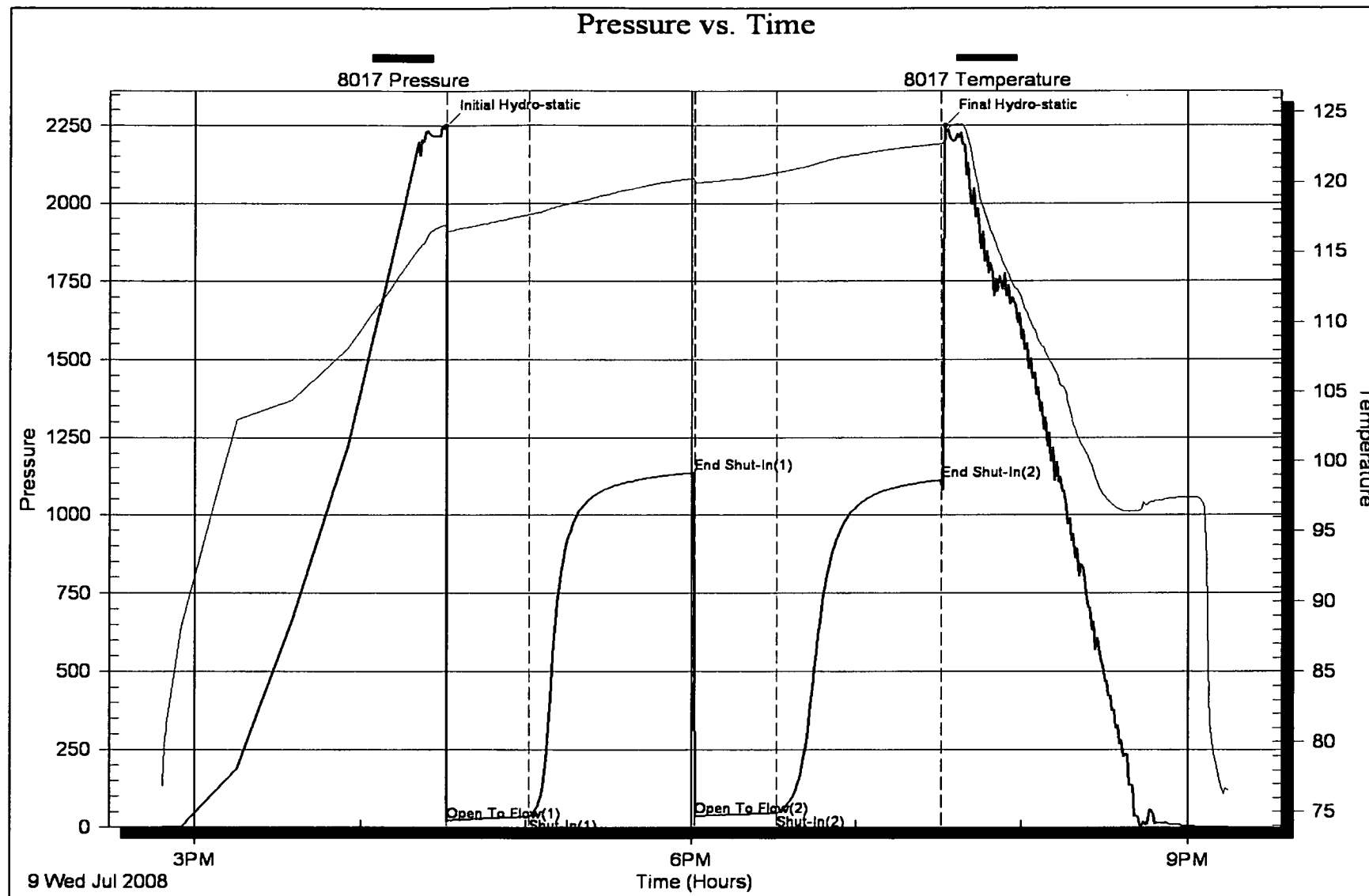
Length ft	Description	Volume bbl
45.00	OCM 7%O 93%M	0.221

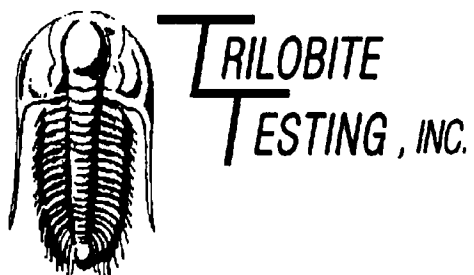
Total Length: 45.00 ft Total Volume: 0.221 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

29 16S 30W Lane KS

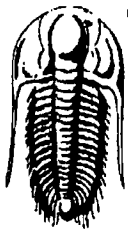
Brand/Compton # 1

Start Date: 2008.07.10 @ 18:33:15

End Date: 2008.07.11 @ 01:38:24

Job Ticket #: 31355 DST #: 4

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

ATTN: Richard Bell

Job Ticket: 31355

DST#: 4

Test Start: 2008.07.10 @ 18:33:15

GENERAL INFORMATION:

Formation: **Lansing 'J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:21:35

Time Test Ended: 01:38:24

Test Type: Conventional Straddle

Tester: Chuck Smith

Unit No: 37

Interval: **4215.00 ft (KB) To 4229.00 ft (KB) (TVD)**

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4689.00 ft (KB) (TVD)

2872.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8017

Inside

Press@RunDepth: 41.29 psig @ 4220.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.07.10

End Date:

2008.07.11

Last Calib.: 2008.07.11

Start Time: 18:33:16

End Time:

01:38:25

Time On Btm: 2008.07.10 @ 20:21:25

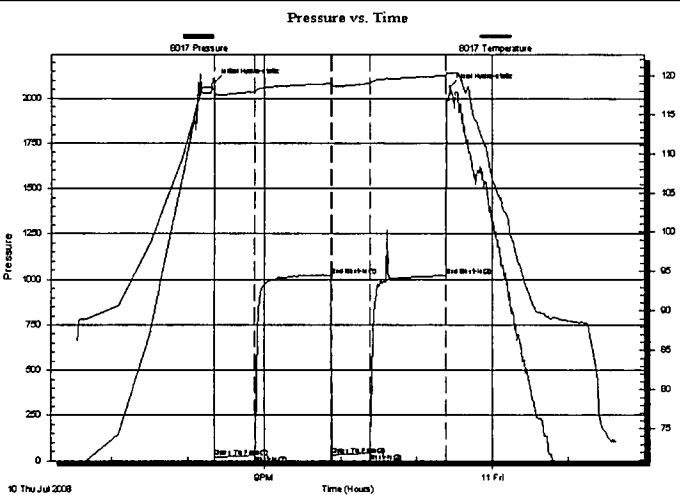
Time Off Btm: 2008.07.10 @ 23:26:05

TEST COMMENT: IF 1/2 " blow receded to 1/4 "

ISI No return

FF No blow

FSI No return



PRESSURE SUMMARY

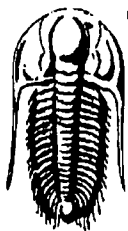
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.60	118.22	Initial Hydro-static
1	19.39	117.20	Open To Flow (1)
32	29.62	117.94	Shut-In(1)
91	1021.12	118.96	End Shut-In(1)
92	31.27	118.65	Open To Flow (2)
122	41.29	119.00	Shut-In(2)
182	1018.67	119.94	End Shut-In(2)
185	2062.59	120.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	DMw/spots O 100%M	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31355

DST#: 4

ATTN: Richard Bell

Test Start: 2008.07.10 @ 18:33:15

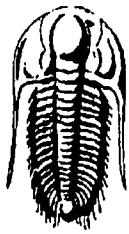
Tool Information

Drill Pipe:	Length: 3701.00 ft	Diameter: 3.80 inches	Volume: 51.92 bbl	Tool Weight: 4800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 513.00 ft	Diameter: 2.25 inches	Volume: 2.52 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 54.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4215.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	4229.00 ft			
Interval between Packers:	14.00 ft			
Tool Length:	503.00 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			4188.00	
Shut In Tool	5.00			4193.00	
Hydraulic tool	5.00			4198.00	
Jars	5.00			4203.00	
Safety Joint	3.00			4206.00	
Packer	5.00			4211.00	28.00 Bottom Of Top Packer
Packer	4.00			4215.00	
Stubb	1.00			4216.00	
Perforations	4.00			4220.00	
Recorder	0.00	8017	Inside	4220.00	
Recorder	0.00	13309	Inside	4220.00	
Perforations	5.00			4225.00	
Blank Off Sub	1.00			4226.00	
top of s pack	3.00			4229.00	14.00 Tool Interval
Packer	1.00			4230.00	
Stubb	1.00			4231.00	
Perforations	8.00			4239.00	
Change Over Sub	1.00			4240.00	
Recorder	0.00	8351	Below	4240.00	
Anchor	444.00			4684.00	
Change Over Sub	1.00			4685.00	
Bullnose	5.00			4690.00	461.00 Bottom Packers & Anchor
Total Tool Length:	503.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Brand/Compton # 1

PO Box 292
Wahoo NE 68066

29 16S 30W Lane KS

Job Ticket: 31355

DST#: 4

ATTN: Richard Bell

Test Start: 2008.07.10 @ 18:33:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	DMw/spots O 100%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

