

RECEIVED

SEP 23 2009

KCC WICHITA

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 SLOW
 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.: _____

<u>10/1/08</u>	<u>10/9/08</u>	<u>10/10/08</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20492-00-00
 Spot Description: _____
 NW SW NE SE Sec. 32 Twp. 3 S. R. 23 East West
1,765 Feet from North / South Line of Section
1,305 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Norton
 Lease Name: Persinger Trust Well #: 1
 Field Name: Wildcat
 Producing Formation: None
 Elevation: Ground: 2470' Kelly Bushing: 2475'
 Total Depth: 3920' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 386 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 Alt II NR*
 (Data must be collected from the Reserve Pit) *10-5-09*
 Chloride content: 1400 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: 9/21/09
 Subscribed and sworn to before me this 21st day of September,
 2009.
 Notary Public: [Signature]
 Date Commission Expires: 1/21/10

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

GENERAL NOTARY - State of Nebraska
 ELIZABETH R. BRABEC
 My Comm. Exp. Jan. 21, 2010

RECEIVED

Operator Name: Great Plains Energy, Inc. Lease Name: Persinger Trust Well #: 1 **SEP 23 2009**
 Sec. 32 Twp. 3 S. R. 23 East West County: Norton

KCC WICHITA

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, Frac Finder, Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2088</td> <td>+387</td> </tr> <tr> <td>Base</td> <td>2120</td> <td>+355</td> </tr> <tr> <td>Topeka</td> <td>3350</td> <td>-875</td> </tr> <tr> <td>Heebner</td> <td>3547</td> <td>-1072</td> </tr> <tr> <td>Toronto</td> <td>3575</td> <td>-1100</td> </tr> <tr> <td>Lansing</td> <td>3587</td> <td>-1114</td> </tr> <tr> <td>BKC</td> <td>3769</td> <td>-1294</td> </tr> </table>	Name	Top	Datum	Anhydrite	2088	+387	Base	2120	+355	Topeka	3350	-875	Heebner	3547	-1072	Toronto	3575	-1100	Lansing	3587	-1114	BKC	3769	-1294
Name	Top	Datum																							
Anhydrite	2088	+387																							
Base	2120	+355																							
Topeka	3350	-875																							
Heebner	3547	-1072																							
Toronto	3575	-1100																							
Lansing	3587	-1114																							
BKC	3769	-1294																							

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#	386'	Common	275	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 checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	374'	Common	175	3%cc, 2% gel

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	370'-374' Surface casing squeeze.	No acid. Squeezed 175sx Common, 3%cc, 2% gel.	

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 Bbls.	Gas Mcf	Water Bbls. 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: _____ _____
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REMIT TO
 RR 1 BOX 90 D
 HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

267

DATE <i>10/3/09</i> SEC. <i>2</i>	RANGE/TWP. <i>3/10</i>	CALLED OUT <i>11:20 AM</i>	ON LOCATION <i>11/10</i>	JOB START <i>1/10</i>	JOB FINISH
LEASE <i>Persinger Trust</i>			WELL# <i>1</i>	COUNTY	STATE

CONTRACTOR <i>M...</i>	OWNER <i>P...</i>			
TYPE OF JOB <i>Squeeze in Surface</i>				
HOLE SIZE	T.D. <i>427</i>	CEMENT		
CASING SIZE <i>1 1/2</i>	DEPTH	AMOUNT ORDERED <i>150</i>		
TUBING SIZE	DEPTH			
DRILL PIPE	DEPTH			
TOOL	DEPTH			
PRES. MAX <i>500psi</i>	MINIMUM	COMMON <i>11</i>	@	
DISPLACEMENT <i>20H</i>	SHOE JOINT	POZMIX	@	
CEMENT LEFT IN CSG. <i>80H</i>		GEL <i>2</i>	@	<i>35</i>
PERFS		CHLORIDE	@	<i>205</i>
		ASC	@	
EQUIPMENT <i>Pumped Cement water 200px</i>			@	
			@	
PUMP TRUCK			@	
#			@	
BULK TRUCK			@	
#			@	
BULK TRUCK			@	
#			@	
		HANDLNG <i>176</i>	@	
		MILEAGE <i>57</i>	@	
				TOTAL

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REMARKS	SERVICE <i>11/10</i>		
	DEPT OF JOB	@	
<i>Plg down at 7:00</i>	PUMP TRUCK CHARGE	@	<i>110</i>
	EXTRA FOOTAGE	@	
	MILEAGE	@	<i>205</i>
	MANIFOLD	@	<i>105</i>
		@	
			TOTAL

CHARGE TO: <i>...</i>	
STREET	STATE
CITY	ZIP

To: Schippers Oil Field Service LLC
 You are hereby requested to rent cementing equipment and furnish staff 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PLUG & FLOAT EQUIPMENT	
<i>...</i>	@ <i>...</i>
	@
	@
	@
	@
	TOTAL <i>5050</i>
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *Kate Van Pelt*

PRINTED NAME

GREAT PLAINS ENERGY, INC.
Box 292
Wahoo, NE 68066

PERSINGER TRUST #1

Sec 32, Twp 03S, R 23W
Norton Co., KS

Supervision

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Prepared for: Dan Blankenau

10/16/08

Prepared by:
X-Hand Engineering, Inc.
Harold Bellerive
1269 F. Road
Morland, KS 67650
(785-627-4531)

GREAT PLAINS ENERGY, INC.

Persinger Trust #1

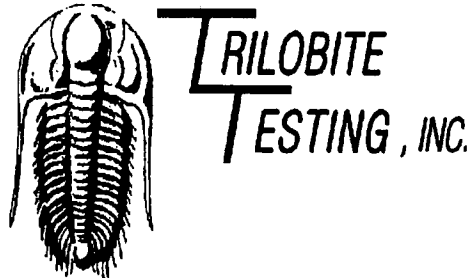
October 02, 2008

Ran GR CCL Bond log on suspect surface pipe. Log showed very poor cement contact from 150' to 403' (T.D.) and no bond @ 150' to surface.

Let cement set for 24 hours. Ran bond log—very little change. Perforated surface pipe @ 370'-374'-4', four spf. Pumped 175 sacks common cement with 3% cc. Let cement set ten hours. Ran temperature survey. Survey showed 260' from surface.

Ready to resume drilling.

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DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

P O Box 292
Wahoo, NE 68066-0292

ATTN: Dan Blankenau

32 3s 23w Norton KS

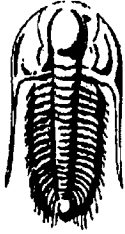
Peringer Trust #1

Start Date: 2008.10.07 @ 04:17:56

End Date: 2008.10.07 @ 11:08:50

Job Ticket #: 31262 DST #: 1

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
P O Box 292
Wahoo, NE 68066-0292
ATTN: Dan Blankenau

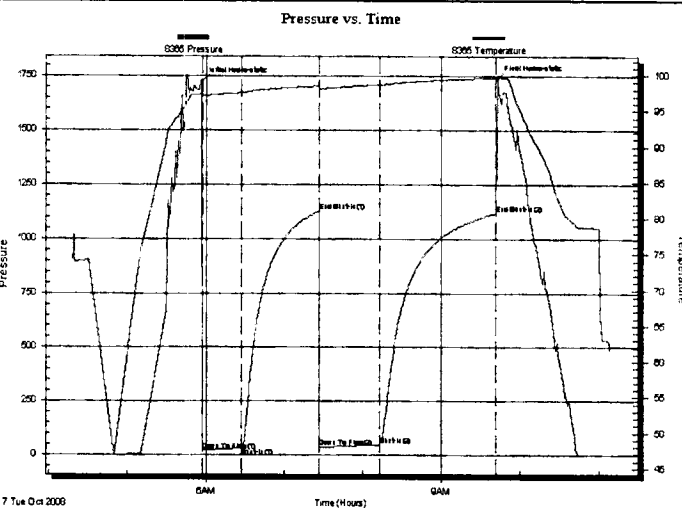
Peringer Trust #1
32 3s 23w Norton KS
Job Ticket: 31262 **DST#: 1**
Test Start: 2008.10.07 @ 04:17:56

GENERAL INFORMATION:

Formation: **LKC A-B**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 05:57:21
Time Test Ended: 11:08:50
Interval: **3546.00 ft (KB) To 3622.00 ft (KB) (TVD)**
Total Depth: **3622.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**
Reference Elevations: **2475.00 ft (KB)**
2470.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 8365 **Inside**
Press@RunDepth: **46.62 psig @ 3555.01 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2008.10.07** End Date: **2008.10.07** Last Calib.: **2008.10.07**
Start Time: **04:17:56** End Time: **11:08:50** Time On Btm: **2008.10.07 @ 05:56:51**
Time Off Btm: **2008.10.07 @ 09:42:50**

TEST COMMENT: IFF-wk bl thru-out 1/2" to 1" bl
FFP-surface bl
Times 30-60-45-90



PRESSURE SUMMARY

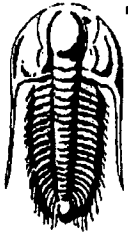
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.88	97.56	Initial Hydro-static
1	20.28	97.05	Open To Flow (1)
31	32.61	97.50	Shut-In(1)
90	1127.55	98.47	End Shut-In(1)
90	34.66	98.04	Open To Flow(2)
136	46.62	98.62	Shut-In(2)
225	1118.47	99.65	End Shut-In(2)
226	1736.10	100.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31262 **DST#: 1**

ATTN: Dan Blankenau

Test Start: 2008.10.07 @ 04:17:56

Tool Information

Drill Pipe:	Length: 2983.00 ft	Diameter: 3.80 inches	Volume: 41.84 bbl	Tool Weight: 2200.00 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: 545.00 ft	Diameter: 2.25 inches	Volume: 2.68 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 44.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3546.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.02 ft			
Tool Length:	104.02 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			3519.00	
Shut In Tool	5.00			3524.00	
Hydraulic tool	5.00			3529.00	
Jars	5.00			3534.00	
Safety Joint	2.00			3536.00	
Packer	5.00			3541.00	28.00 Bottom Of Top Packer
Packer	5.00			3546.00	
Stubb	1.00			3547.00	
Perforations	8.00			3555.00	
Recorder	0.01	8365	Inside	3555.01	
Recorder	0.01	6625	Outside	3555.02	
Blank Spacing	64.00			3619.02	
Bullnose	3.00			3622.02	76.02 Bottom Packers & Anchor

Total Tool Length: 104.02

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31262 **DST#: 1**

ATTN: Dan Blankenau

Test Start: 2008.10.07 @ 04:17:56

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

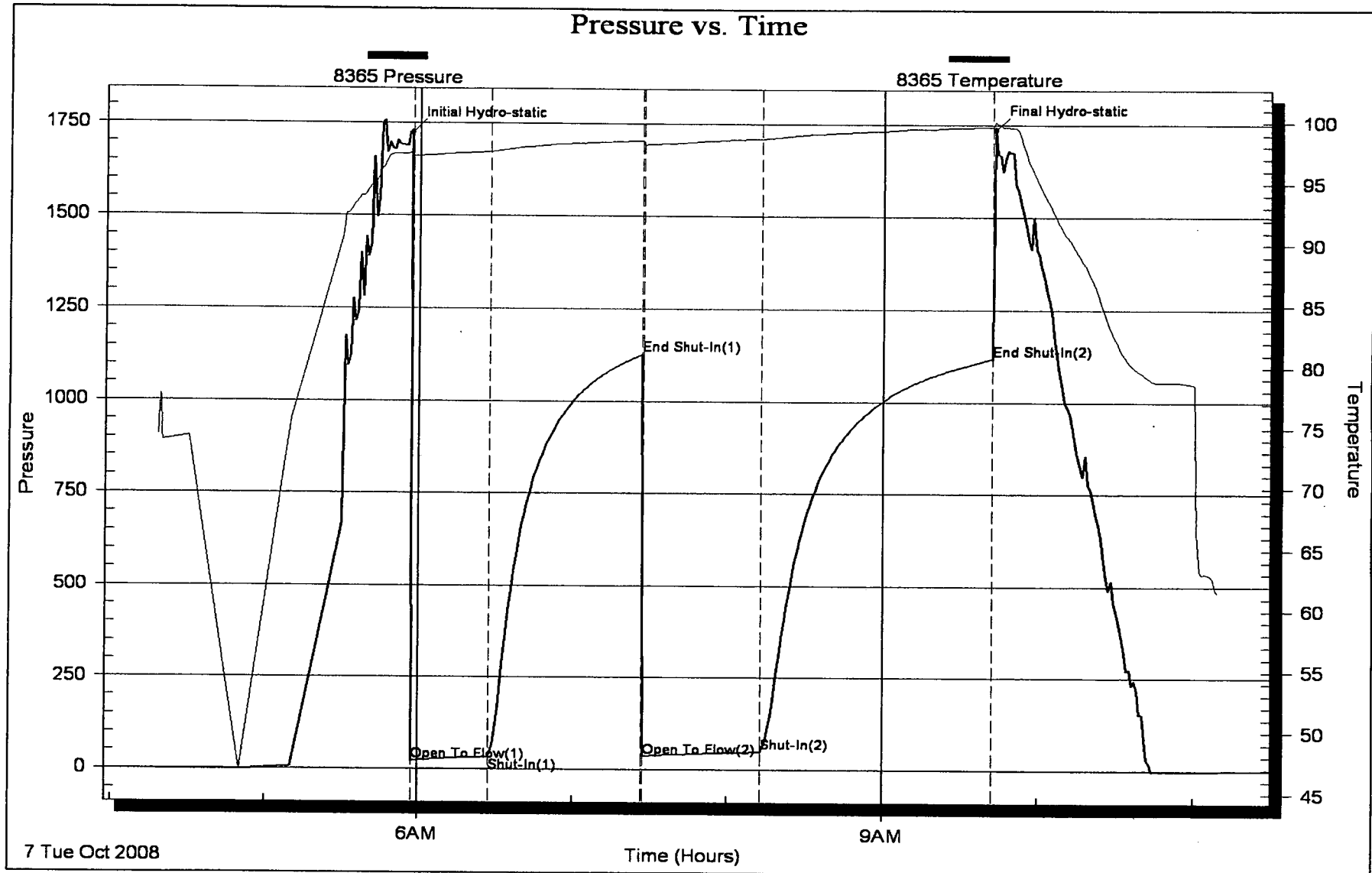
Num Gas Bombs: 0

Serial #:

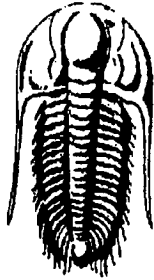
Laboratory Name:

Laboratory Location:

Recovery Comments:



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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

P O Box 292
Wahoo, NE 68066-0292

ATTN: Dan Blankenau

32 3s 23w Norton KS

Peringer Trust #1

Start Date: 2008.10.07 @ 22:08:15

End Date: 2008.10.08 @ 04:33:45

Job Ticket #: 31263 DST #: 2

RECEIVED

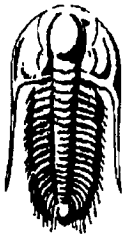
SEP 23 2009

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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

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

ATTN: Dan Blankenau

Job Ticket: 31263

DST#: 2

Test Start: 2008.10.07 @ 22:08:15

GENERAL INFORMATION:

Formation: **LKC H-J**

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

Time Tool Opened: 23:55:15

Time Test Ended: 04:33:45

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **3682.00 ft (KB) To 3734.00 ft (KB) (TVD)**

Total Depth: **3734.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **2475.00 ft (KB)**

2470.00 ft (CF)

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

Serial #: 8365

Press@RunDepth: **57.45 psig @ ft (KB)**

Start Date: **2008.10.07**

End Date: **2008.10.08**

Start Time: **22:08:20**

End Time: **04:33:44**

Capacity: **7000.00 psig**

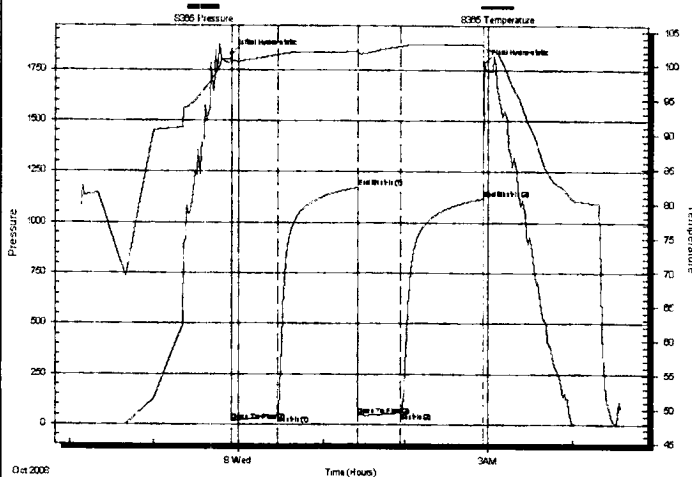
Last Calib.: **2008.10.08**

Time On Btm: **2008.10.07 @ 23:54:45**

Time Off Btm: **2008.10.08 @ 02:57:14**

TEST COMMENT: IFP-surface bl thru-out
FFP-no bl
Times 30-60-30-60

Pressure vs. Time



PRESSURE SUMMARY

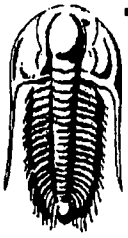
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1827.23	100.98	Initial Hydro-static
1	16.39	100.50	Open To Flow (1)
33	42.24	101.50	Shut-In(1)
91	1174.27	102.06	End Shut-In(1)
91	44.94	101.69	Open To Flow (2)
122	57.45	102.79	Shut-In(2)
182	1120.33	103.06	End Shut-In(2)
183	1784.84	102.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Mud	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31263 **DST#: 2**

ATTN: Dan Blankenau

Test Start: 2008.10.07 @ 22:08:15

Tool Information

Drill Pipe:	Length: 3140.00 ft	Diameter: 3.80 inches	Volume: 44.05 bbl	Tool Weight: 2200.00 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: 545.00 ft	Diameter: 2.25 inches	Volume: 2.68 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	46.73 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	3682.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.02 ft			
Tool Length:	80.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

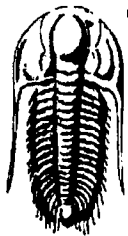
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3655.00	
Shut In Tool	5.00			3660.00	
Hydraulic tool	5.00			3665.00	
Jars	5.00			3670.00	
Safety Joint	2.00			3672.00	
Packer	5.00			3677.00	28.00 Bottom Of Top Packer
Packer	5.00			3682.00	
Stubb	1.00			3683.00	
Perforations	1.00			3684.00	
Recorder	0.01	8365	Inside	3684.01	
Recorder	0.01	6625	Outside	3684.02	
Blank Spacing	32.00			3716.02	
Perforations	15.00			3731.02	
Bullnose	3.00			3734.02	52.02 Bottom Packers & Anchor

Total Tool Length: 80.02

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FLUID SUMMARY

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31263

DST#: 2

ATTN: Dan Blankenau

Test Start: 2008.10.07 @ 22:08:15

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Mud	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

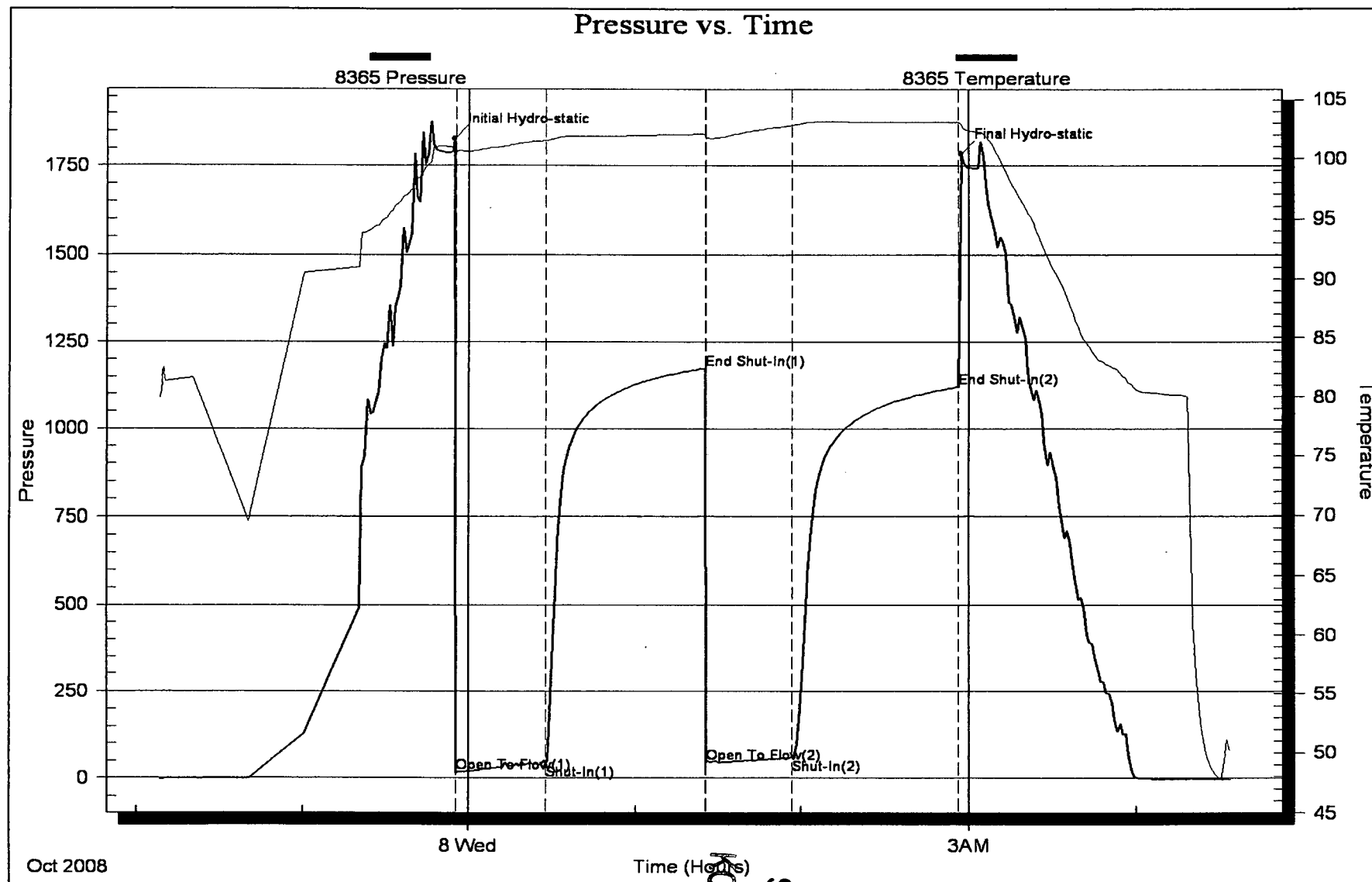
Num Gas Bombs: 0

Serial #:

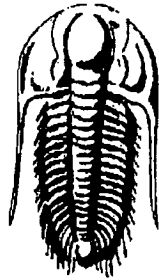
Laboratory Name:

Laboratory Location:

Recovery Comments:



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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

P O Box 292
Wahoo, NE 68066-0292

ATTN: Dan Blankenau

32 3s 23w Norton KS

Peringer Trust #1

Start Date: 2008.10.08 @ 13:34:42

End Date: 2008.10.08 @ 18:59:06

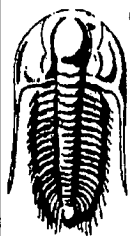
Job Ticket #: 31264 DST #: 3

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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31264

DST#: 3

ATTN: Dan Blankenau

Test Start: 2008.10.08 @ 13:34:42

Tool Information

Drill Pipe:	Length: 3261.00 ft	Diameter: 3.80 inches	Volume: 45.74 bbl	Tool Weight:	2200.00 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: 545.00 ft	Diameter: 2.25 inches	Volume: 2.68 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	48.42 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	3806.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.02 ft				
Tool Length:	52.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

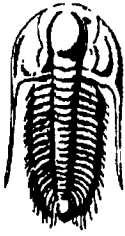
Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3779.00	
Shut In Tool	5.00			3784.00	
Hydraulic tool	5.00			3789.00	
Jars	5.00			3794.00	
Safety Joint	2.00			3796.00	
Packer	5.00			3801.00	28.00 Bottom Of Top Packer
Packer	5.00			3806.00	
Stubb	1.00			3807.00	
Recorder	0.01	8365	Inside	3807.01	
Recorder	0.01	6625	Outside	3807.02	
Perforations	20.00			3827.02	
Bullnose	3.00			3830.02	24.02 Bottom Packers & Anchor

Total Tool Length: 52.02

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31264

DST#: 3

ATTN: Dan Blankenau

Test Start: 2008.10.08 @ 13:34:42

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:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.94 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

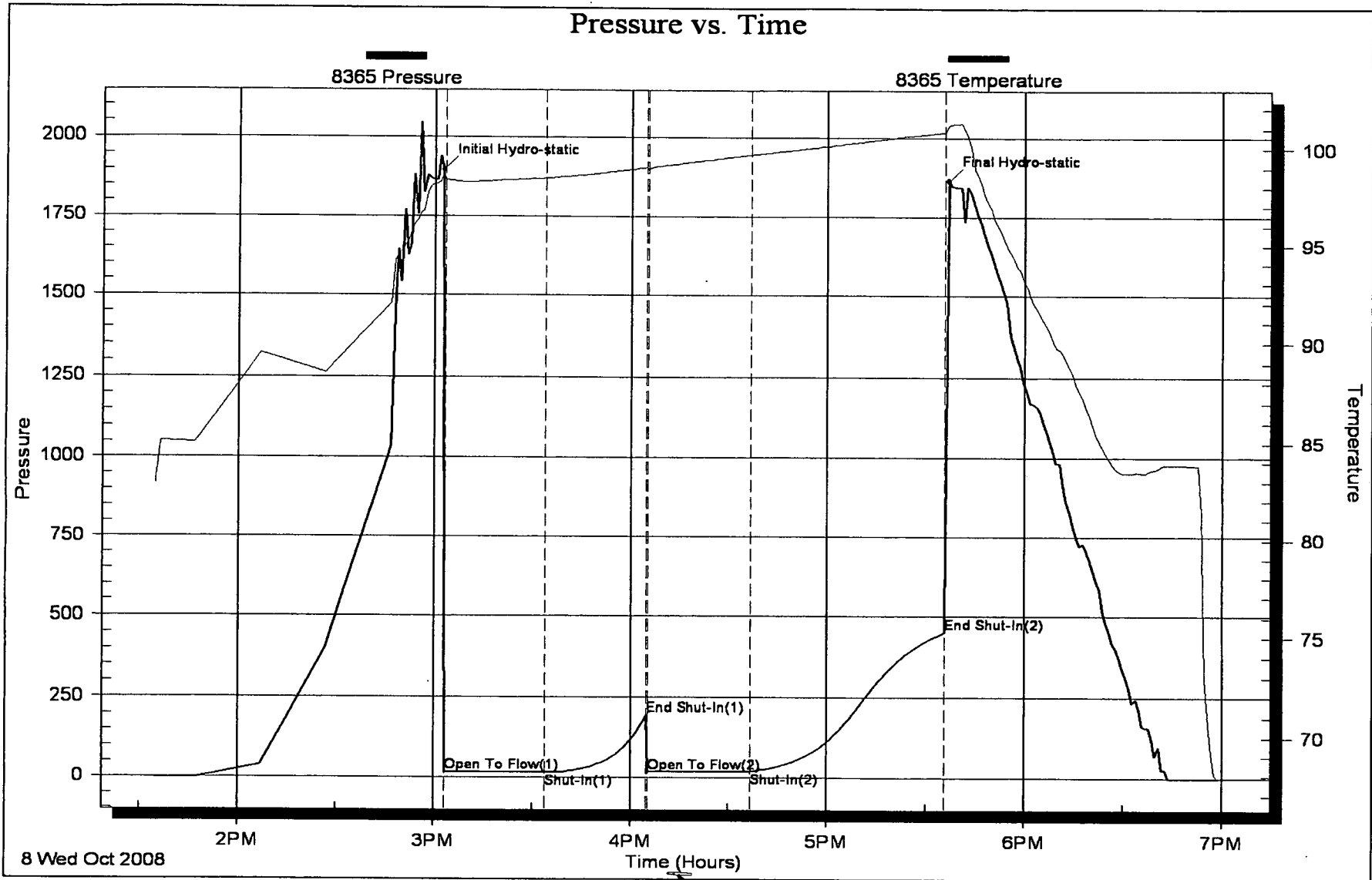
Num Gas Bombs: 0

Serial #:

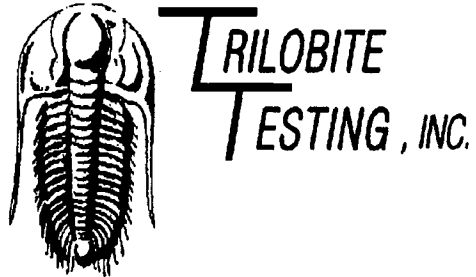
Laboratory Name:

Laboratory Location:

Recovery Comments:



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DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

P O Box 292
Wahoo, NE 68066-0292

ATTN: Dan Blankenau

32 3s 23w Norton KS

Peringer Trust #1

Start Date: 2008.10.09 @ 11:02:42

End Date: 2008.10.09 @ 16:29:36

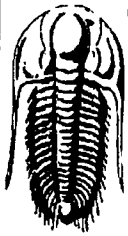
Job Ticket #: 31265 DST #: 4

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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

P O Box 292
Wahoo, NE 68066-0292

ATTN: Dan Blankenau

Peringer Trust #1

32 3s 23w Norton KS

Job Ticket: 31265

DST#: 4

Test Start: 2008.10.09 @ 11:02:42

GENERAL INFORMATION:

Formation: **Reagan Sd , Arbuckle**

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

Time Tool Opened: 12:30:07

Time Test Ended: 16:29:36

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **3820.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Total Depth: **3920.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **2475.00 ft (KB)**

2470.00 ft (CF)

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

Serial #: 8365

Inside

Press@RunDepth: **489.26 psig @ 3825.01 ft (KB)**

Start Date: **2008.10.09**

End Date:

2008.10.09

Capacity: **7000.00 psig**

Last Calib.: **2008.10.09**

Start Time: **11:02:42**

End Time:

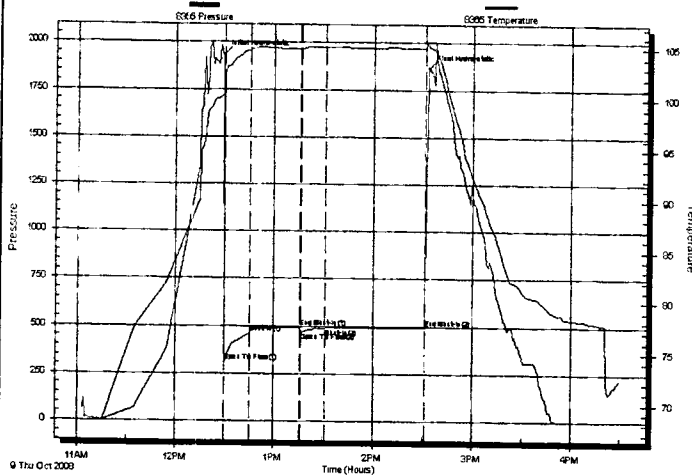
16:29:36

Time On Btm: **2008.10.09 @ 12:29:07**

Time Off Btm: **2008.10.09 @ 14:33:07**

TEST COMMENT: IFP-strg bl thru-out , slid tool approx 6'to bottom
FFP-wk to a gd bl 1/2"to 8"bl
Times 15-30-15-60
no bo on shut-in

Pressure vs Time



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.56	100.38	Initial Hydro-static
1	310.03	102.15	Open To Flow (1)
17	461.60	104.85	Shut-In (1)
47	491.25	104.92	End Shut-In (1)
48	469.09	104.90	Open To Flow (2)
62	489.26	105.13	Shut-In (2)
122	491.89	105.04	End Shut-In (2)
124	1864.82	105.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
671.00	Water	4.45
124.00	MW 45%M55%W	1.74
205.00	WM 25%W75%M	2.88

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

Job Ticket: 31265

DST#: 4

ATTN: Dan Blankenau

Test Start: 2008.10.09 @ 11:02:42

Tool Information

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.80 inches	Volume: 45.73 bbl	Tool Weight: 2200.00 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: 545.00 ft	Diameter: 2.25 inches	Volume: 2.68 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 48.41 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	3820.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.02 ft			
Tool Length:	128.02 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			3793.00	
Shut In Tool	5.00			3798.00	
Hydraulic tool	5.00			3803.00	
Jars	5.00			3808.00	
Safety Joint	2.00			3810.00	
Packer	5.00			3815.00	28.00 Bottom Of Top Packer
Packer	5.00			3820.00	
Stubb	1.00			3821.00	
Perforations	4.00			3825.00	
Recorder	0.01	8365	Inside	3825.01	
Recorder	0.01	6625	Outside	3825.02	
Blank Spacing	63.00			3888.02	
Perforations	29.00			3917.02	
Bullnose	3.00			3920.02	100.02 Bottom Packers & Anchor

Total Tool Length: 128.02

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DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Peringer Trust #1

P O Box 292
Wahoo, NE 68066-0292

32 3s 23w Norton KS

ATTN: Dan Blankenau

Job Ticket: 31265

DST#: 4

Test Start: 2008.10.09 @ 11:02:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 5.98 in³

Resistivity: ohm.m

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 26000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
671.00	Water	4.448
124.00	MW 45%M55%W	1.739
205.00	WM 25%W75%M	2.876

Total Length: 1000.00 ft Total Volume: 9.063 bbl

Num Fluid Samples: 0

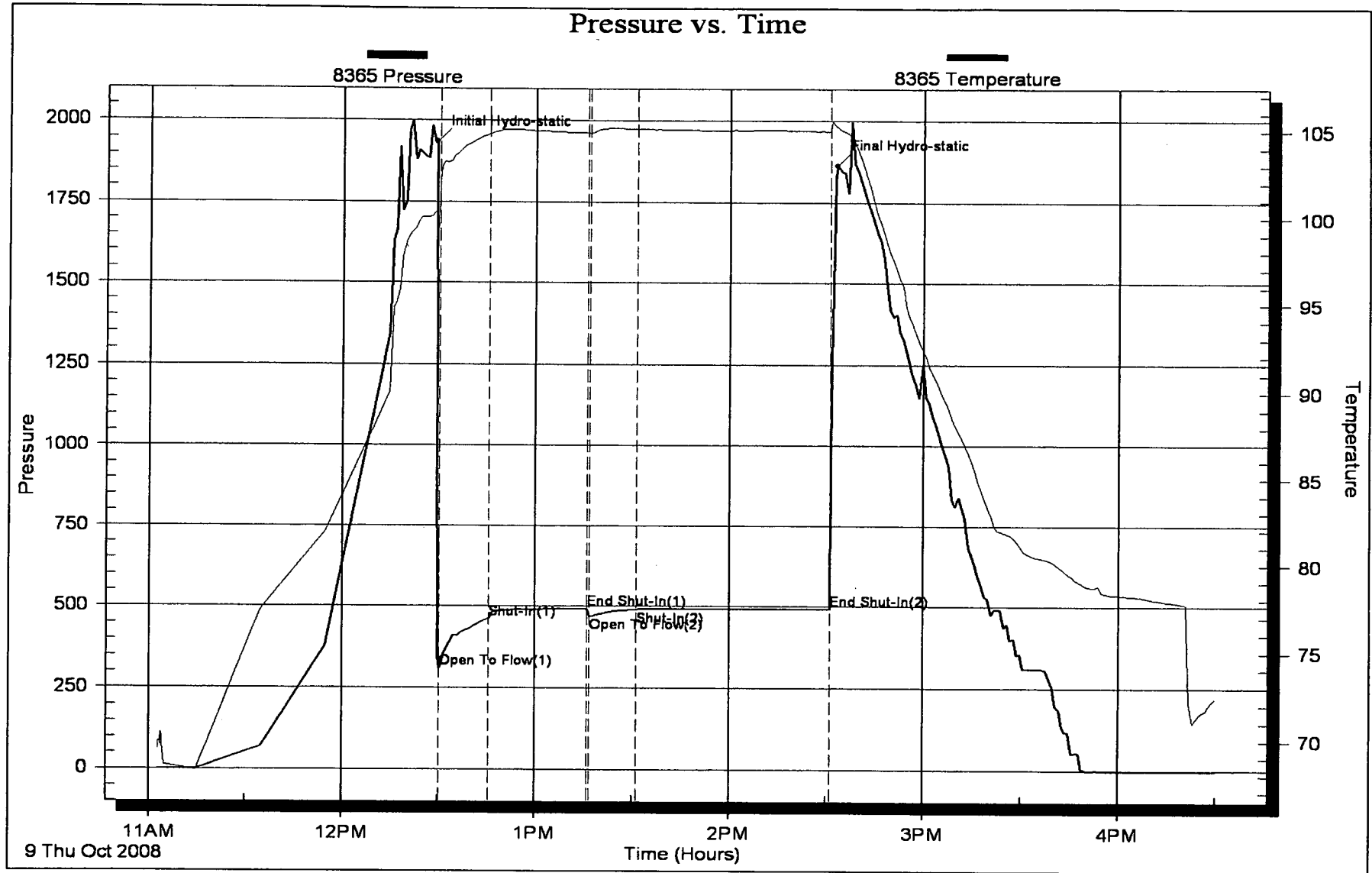
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .24 @ 77F



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