



KANSAS CORPORATION COMMISSION 1075534
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 # 33629
Name: Great Plains Energy, Inc.
Address 1: 6121 S 58th ST, STE B
Address 2: _____
City: LIN COLN State: NE Zip: 68516 + _____
Contact Person: Dan Blankenau
Phone: (402) 443-6125
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Richard Bell
Purchaser: N/A

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 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 #: _____

01/28/2012	02/03/2012	02/03/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20595-00-00
Spot Description: _____
SW SE NE NE Sec. 32 Twp. 2 S. R. 23 East West
1160 Feet from North / South Line of Section
340 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Norton
Lease Name: Moffet Well #: 2-32
Field Name: _____
Producing Formation: N/A
Elevation: Ground: 2325 Kelly Bushing: 2326
Total Depth: 3650 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 219 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: 2000 ppm Fluid volume: 800 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 Gantso Date: 03/01/2012



1075534

Operator Name: Great Plains Energy, Inc. Lease Name: Moffet Well #: 2-32
 Sec. 32 Twp. 2 S. R. 23 East West County: Norton

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: Compensated Density Dual Induction	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
---	--

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	8.625	23	219	Common	165	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 (Amount and Kind of Material Used)	Depth

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

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift 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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Great Plains Energy, Inc.
Well Name	Moffet 2-32
Doc ID	1075534

Tops

Anhydrite	1894	+432
Base	1924	+402
Topeka	3149	-823
Heebner	3332	-1006
Toronto	3362	1036
Lansing	3377	-1051
BKC	3555	-1229
Granite	3612	-1286

REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE	SEC.	RANGE/TWP.	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE					COUNTY	STATE
WELL #						

CONTRACTOR	OWNER			
TYPE OF JOB				
HOLE SIZE	T.D.	CEMENT		
CASING SIZE	DEPTH	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	@	
DISPLACEMENT	SHOE JOINT	POZMIX	@	
CEMENT LEFT IN CSG.		GEL	@	
PERFS		CHLORIDE	@	
		ASC	@	
EQUIPMENT			@	
			@	
PUMP TRUCK			@	
#			@	
BULK TRUCK			@	
#			@	
BULK TRUCK			@	
#			@	
			@	
		HANDLING	@	
		MILEAGE	@	
				TOTAL

REMARKS	SERVICE		
	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	
	EXTRA FOOTAGE	@	
	MILEAGE	@	
	MANIFOLD	@	
		@	
			TOTAL

CHARGE TO:	
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	
	@
	@
	@
	@
	@
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *Max Buge* PRINTED NAME *Max Buge*

REMIT TO
RR 1 BOX 90 D
HOXIE KS 67740

SCHIPPERS OIL FIELD SERVICE L.L.C.

DATE // . . . SEC. 22	RANGE/WVF. 2-23	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
				COUNTY	STATE
LEAVE 11:30		WELL # 2			

CONTRACTOR <i>W. H. Co</i>	OWNER <i>W. H. Co</i>			
TYPE OF JOB				
HOLE SIZE <i>12 1/2</i>	T.D. <i>100</i>	CEMENT		
CASING SIZE <i>2 3/8</i>	DEPTH <i>100</i>	AMOUNT ORDERED		
TUBING SIZE	DEPTH			
DRILL PIPE <i>4 1/2</i>	DEPTH			
TOOL	DEPTH			
PRES. MAX	MINIMUM	COMMON	<i>10</i>	@
DISPLACEMENT <i>12 1/2</i>	SHOE JOINT	POZMIX		@
CEMENT LEFT IN CSG.		GEL		@
PERFS		CHLORIDE		@
		ASC		@
EQUIPMENT				@
				@
PUMP TRUCK				@
#				@
BULK TRUCK				@
#				@
BULK TRUCK				@
#				@
				@
		HANDLING	<i>10</i>	@
		MILEAGE	<i>10</i>	@
				TOTAL

REMARKS	SERVICE <i>W. H. Co</i>		
	DEPT OF JOB	@	
	PUMP TRUCK CHARGE	@	
	EXTRA FOOTAGE	@	
	MILEAGE	@	<i>10</i>
	MANIFOLD	@	
		@	
		TOTAL	

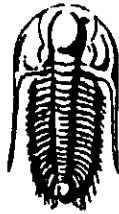
CHARGE TO: <i>W. H. Co</i>	
STREET	STATE <i>KS</i>
CITY	ZIP

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	
	@
	@
	@
	@
	@
	TOTAL
TAX	
TOTAL CHARGE	
DISCOUNT (IF PAID IN 20 DAYS)	

SIGNATURE *William B. Sledge*

PRINTED NAME *William B. Sledge*



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc.**

6121 S. 58th St. Ste.B
Lincoln NE 68516

ATTN: Rich Bell

Moffet #2-32

32 2s 23w Norton,KS

Start Date: 2012.01.31 @ 15:40:00

End Date: 2012.01.31 @ 22:24:30

Job Ticket #: 042031 DST #: 1

Great Plains Energy Inc. 32 2s 23w Norton,KS Moffet #2-32 DST # 1 Toronto 2012.01.31

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2012.02.09 @ 10:43:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Great Plains Energy Inc.

32 2s 23w Norton,KS

6121 S. 58th St. Ste.B
Lincoln NE 68516

Moffet #2-32

Job Ticket: 042031 DST#: 1

ATTN: Rich Bell

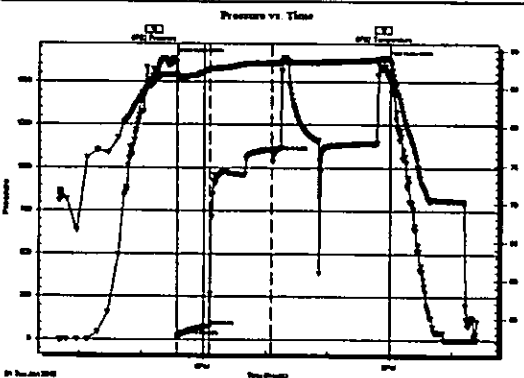
Test Start: 2012.01.31 @ 15:40:00

GENERAL INFORMATION:

Formation: Toronto
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:34:30 Tester: Chuck Kreuzer Jr.
 Time Test Ended: 22:24:30 Unit No: 36
 Interval: 3330.00 ft (KB) To 3387.00 ft (KB) (TVD) Reference Elevations: 2326.00 ft (KB)
 Total Depth: 3387.00 ft (KB) (TVD) 2321.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GRVCF: 5.00 ft

Serial #: 6752 Inside
 Press@RunDepth: 78.38 psig @ 3333.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.31 End Date: 2012.01.31 Last Calib.: 2012.01.31
 Start Time: 15:40:05 End Time: 22:24:29 Time On Btm: 2012.01.31 @ 17:30:30
 Time Off Btm: 2012.01.31 @ 20:54:30

TEST COMMENT: IF: Weak blow, but to 5 in. over 30 mins.
 IS: No blow back over 60 mins.
 FF: no blow, flushed tool, weak blow died After sec.
 FSI: No blow back over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.49	86.80	Initial Hydro-static
4	18.91	86.55	Open To Flow (1)
36	78.38	87.39	Shut-in(1)
95	1095.62	88.26	End Shut-in(1)
204	1617.06	89.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	w cm-50%w 50% m	0.59
7.00	mud-100%	0.10

Gas Rates

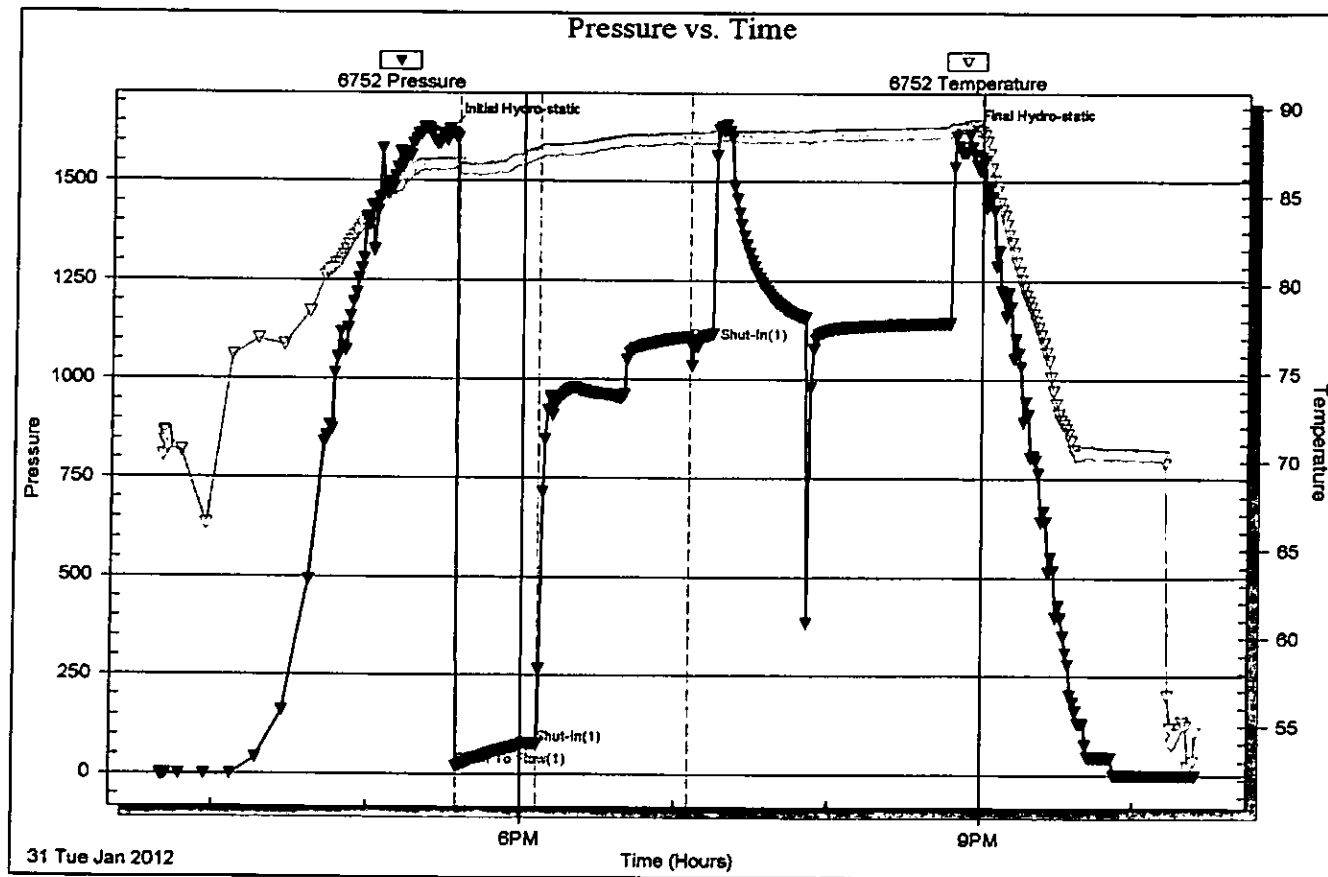
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

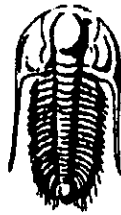
Serial #: 6752

Inside Great Plains Energy Inc.

Moffet #2-32

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc.**

6121 S. 58th St. Ste.B
Lincoln NE 68516

ATTN: Rich Bell

Moffet #2-32

32 2s 23w Norton,KS

Start Date: 2012.02.01 @ 04:55:00

End Date: 2012.02.01 @ 11:47:00

Job Ticket #: 042032 DST #: 2


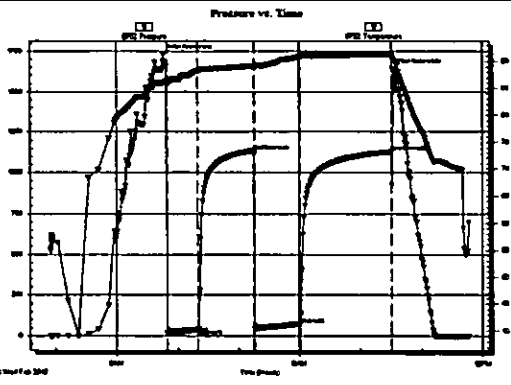
Great Plains Energy Inc. 32 2s 23w Norton,KS Moffet #2-32 DST # 2 LKC-C-0 2012.02.01

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.02.09 @ 10:44:02

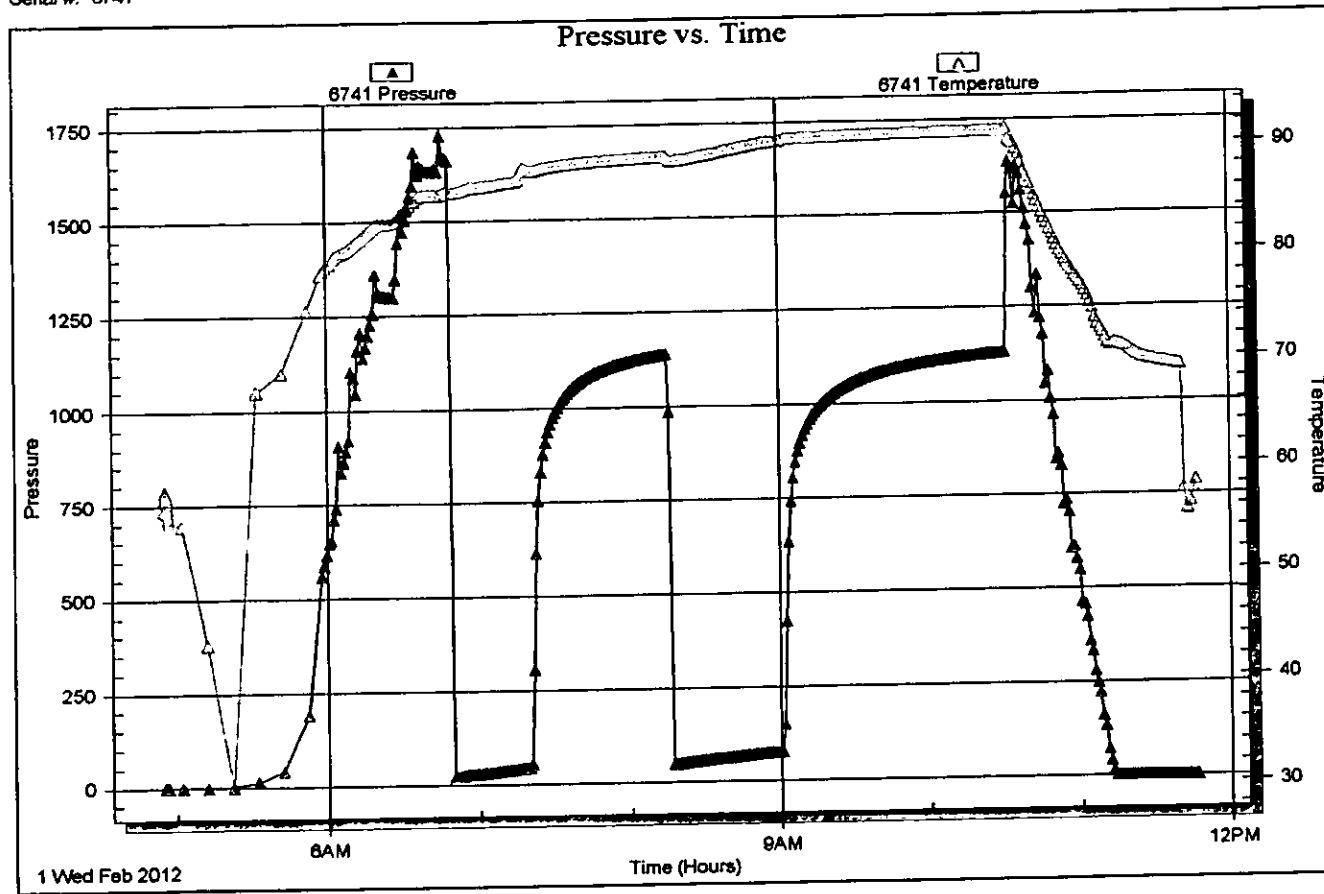
 TRILOBITE TESTING, INC	DRILL STEM TEST REPORT							
	Great Plains Energy Inc. 6121 S. 58th St. Ste.B Lincoln NE 68516 ATTN: Rich Bell	32 2s 23w Norton, KS Moffet #2-32 Job Ticket: 042032 DST#: 2 Test Start: 2012.02.01 @ 04:55:00						
GENERAL INFORMATION:								
Formation: LKC-C-D Deviated: No Whipstock ft (KB) Time Tool Opened: 06:49:30 Time Test Ended: 11:47:00		Test Type: Conventional Bottom Hole (Reset) Tester: Chuck Kreuzer Jr. Unit No. 36						
Interval: 3388.00 ft (KB) To 3420.00 ft (KB) (TVD) Total Depth: 3420.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Good		Reference Elevations: 2328.00 ft (KB) 2321.00 ft (CF) KB to GR/CF: 5.00 ft						
Serial #: 6752 Inside								
Press@RunDepth: 73.31 psig @ 3389.00 ft (KB) Start Date: 2012.02.01 End Date: 2012.02.01 Start Time: 04:55:05 End Time: 11:46:59		Capacity: 8000.00 psig Last Calib.: 2012.02.01 Time On Btm: 2012.02.01 @ 06:46:00 Time Off Btm: 2012.02.01 @ 10:32:00						
TEST COMMENT: IF: Weak blow, Built to 3 in. over 30 mins. IS: No blow back over 60 mins. FF: Weak blow, Built to 1/8 in. over 45 mins. FS: No blow back over 90 mins.								
	PRESSURE SUMMARY							
	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation				
	0	1728.09	86.14	Initial Hydro-static				
	4	16.92	86.16	Open To Flow (1)				
	34	41.45	88.30	Shut-In(1)				
	89	1136.63	89.15	End Shut-In(1)				
	90	44.14	88.94	Open To Flow (2)				
	135	73.31	90.87	Shut-In(2)				
	225	1128.81	91.31	End Shut-In(2)				
	226	1639.49	90.54	Final Hydro-static				
Recovery				Gas Rates				
Length (ft)	Description	Volume (bbl)						
127.00	water	0.69						
* Recovery from multiple tests								

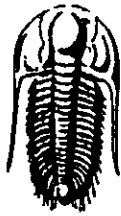
Serial #: 6741

Outside Great Plains Energy Inc.

Moffet #2-32

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc.**

6121 S. 58th St. Ste.B
Lincoln NE 68516

ATTN: Rich Bell

Moffet #2-32

32 2s 23w Norton,KS

Start Date: 2012.02.01 @ 20:15:00

End Date: 2012.02.02 @ 01:23:00

Job Ticket #: 042033 DST #: 3

Great Plains Energy Inc. 32 2s 23w Norton,KS Moffet #2-32 DST # 3 LKCH 2012.02.01

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.02.09 @ 10:44:19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Great Plains Energy Inc.

32 2s 23w Norton, KS

6121 S. 58th St. Ste.B
Lincoln NE 68516

Moffat #2-32

Job Ticket: 042033 DST#: 3

ATTN: Rich Bel

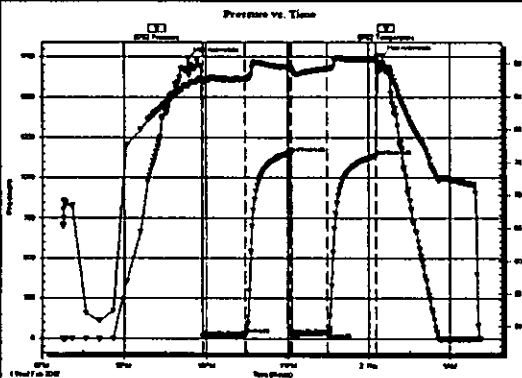
Test Start: 2012.02.01 @ 20:15:00

GENERAL INFORMATION:

Formation: LKC-H
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:57:30
 Time Test Ended: 01:23:00
 Interval: 3459.00 ft (KB) To 3488.00 ft (KB) (TVD)
 Total Depth: 3488.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreutzer Jr.
 Unit No: 36
 Reference Elevations: 2326.00 ft (KB)
 2321.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
 Press@RunDepth: 36.44 psig @ 3462.00 ft (KB)
 Start Date: 2012.02.01 End Date: 2012.02.02
 Start Time: 20:15:05 End Time: 01:22:59
 Capacity: 8000.00 psig
 Last Calib.: 2012.02.02
 Time On Btm: 2012.02.01 @ 21:47:00
 Time Off Btm: 2012.02.02 @ 00:10:30

TEST COMMENT: IF: Weak blow, Died in 5 mins.
 IS: No blow back over 30 mins.
 FF: No blow over 30 mins.
 FST: NO blow back over 30 mins.



PRESSURE SUMMARY			
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.00	86.71	Initial Hydro-static
11	14.74	87.40	Open To Flow (1)
42	25.60	87.69	Shut-In (1)
75	1155.02	89.50	End Shut-In (1)
76	28.47	89.07	Open To Flow (2)
102	36.44	89.19	Shut-In (2)
139	1135.21	90.67	End Shut-In (2)
144	1755.54	89.98	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	mud-100%rn	0.05

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

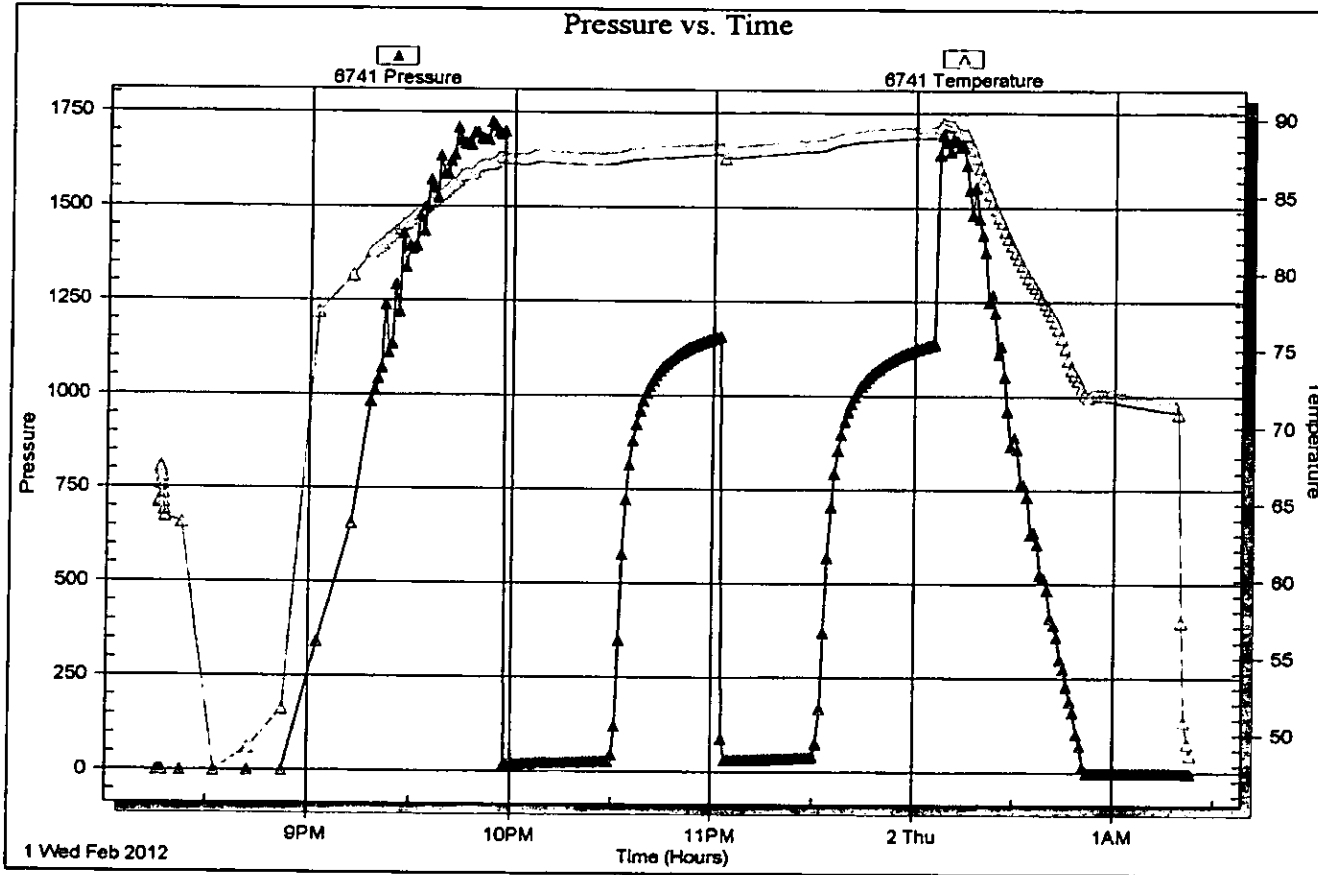
* Recovery from multiple tests

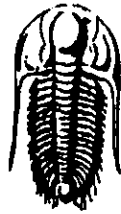
Serial #: 6741

Outside Great Plains Energy Inc.

Moffet #2-32

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc.**

6121 S. 58th St. Ste.B
Lincoln NE 68516

ATTN: Rich Bell

Moffet #2-32

32 2s 23w Norton,KS

Start Date: 2012.02.02 @ 09:10:00

End Date: 2012.02.02 @ 15:37:30

Job Ticket #: 042034 DST #: 4

Great Plains Energy Inc. 32 2s 23w Norton,KS Moffet #2-32 DST # 4 LKC-JK 2012.02.02

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.02.09 @ 10:44:36



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Great Plains Energy Inc.

32 2s 23w Norton, KS

6121 S. 58th St. Ste. B
Lincoln NE 68516

Moffet #2-32

Job Ticket: 042034 DST#: 4

ATTN: Rich Bell

Test Start: 2012.02.02 @ 09:10:00

GENERAL INFORMATION:

Formation: LKC-J,K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:34:30

Time Test Ended: 15:37:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: 3488.00 ft (KB) To 3537.00 ft (KB) (TVD)

Total Depth: 3537.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2326.00 ft (KB)

2321.00 ft (CF)

KB to GRVCF: 5.00 ft

Serial #: 6762

Inside

Press@RunDepth: 160.03 psig @ 3492.00 ft (KB)

Start Date: 2012.02.02 End Date: 2012.02.02

Start Time: 09:10:05 End Time: 15:37:29

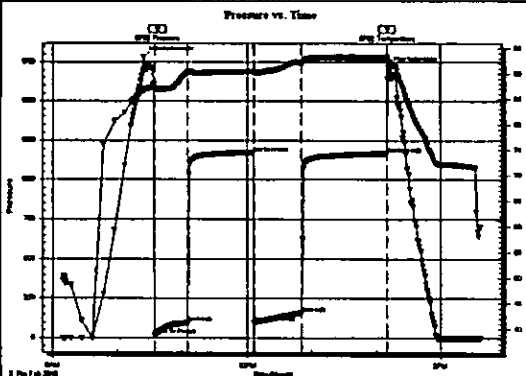
Capacity: 8000.00 psig

Last Calib.: 2012.02.02

Time On Btm: 2012.02.02 @ 10:24:30

Time Off Btm: 2012.02.02 @ 14:11:00

TEST COMMENT: IF: Weak blow built to 8 in. over 30 mins
IS: No blow back
FF: Weak blow built to 8 in. over 45 mins.
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1782.46	86.80	Initial Hydro-static
10	20.31	87.03	Open To Flow (1)
41	96.26	90.28	Shut-in(1)
101	1171.50	90.49	End Shut-in(1)
102	97.80	90.34	Open To Flow (2)
146	160.03	92.15	Shut-in(2)
225	1165.01	83.24	End Shut-in(2)
227	1715.50	92.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	water	2.27

* Recovery from multiple tests

Gas Rates

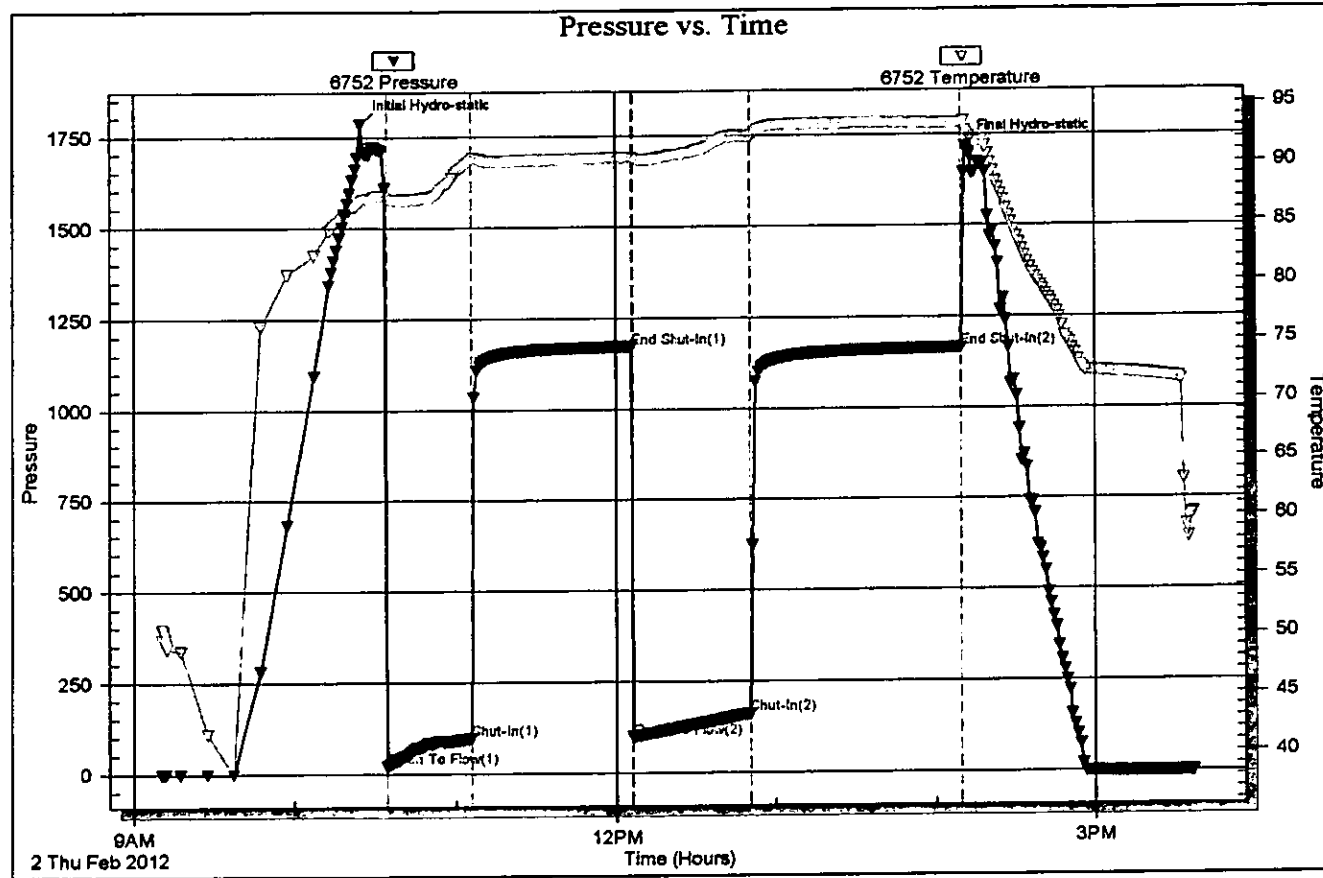
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

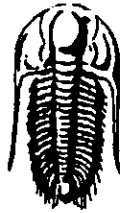
Serial #: 6752

Inside Great Plains Energy Inc.

Moffet #2-32

DST Test Number: 4





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc.**

6121 S. 58th St. Ste.B
Lincoln NE 68516

ATTN: Rich Bell

Moffet #2-32

32 2s 23w Norton,KS

Start Date: 2012.02.02 @ 23:15:00

End Date: 2012.02.03 @ 04:26:00

Job Ticket #: 042035 DST #: 5

Great Plains Energy Inc. 32 2s 23w Norton,KS Moffet #2-32 DST # 5 Arduckle 2012.02.02

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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Printed: 2012.02.09 @ 10:44:54



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Great Plains Energy Inc.

32 2s 23w Norton, KS

6121 S. 58th St. Ste.B
Lincoln NE 68516

Moffet #2-32

Job Ticket: 042035 DST#: 5

ATTN: Rich Bell

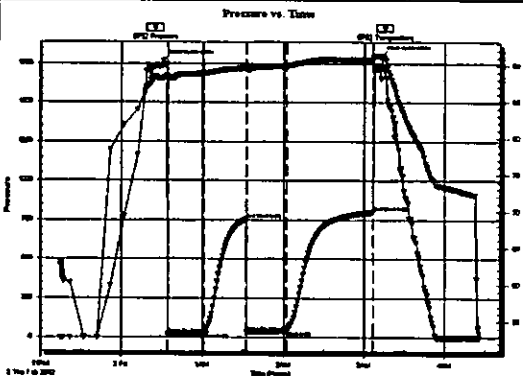
Test Start: 2012.02.02 @ 23:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Reset)**
 Time Tool Opened: **00 34:30**
 Tester: **Chuck Kreutzer Jr.**
 Time Test Ended: **04:26:00**
 Unit No: **36**
 Interval: **3552.00 ft (KB) To 3596.00 ft (KB) (TVD)**
 Reference Elevations: **2326.00 ft (KB)**
Total Depth: 3596.00 ft (KB) (TVD)
2321.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 KB to GR/CF: **5.00 ft**

Serial #: **6752** Inside
 Press@RunDepth: **43.46 psig @ 3555.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.02.02** End Date: **2012.02.03** Last Calib.: **2012.02.03**
 Start Time: **23:15:05** End Time: **04:25:59** Time On Btm: **2012.02.03 @ 00:31:00**
 Time Off Btm: **2012.02.03 @ 03:13:00**

TEST COMMENT: IF: Weak blow built to 1/4 in. over 30 mins.
 IS: No blow back over 30 mins.
 FF: No blow over 30 mins.
 FSI: No blow back over 30 mins.



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.41	88.19	Initial Hydro-static
4	19.00	88.19	Open To Flow (1)
30	28.60	88.89	Shut-In (1)
61	755.99	89.60	End Shut-In (1)
62	32.99	89.45	Open To Flow (2)
92	43.46	89.90	Shut-In (2)
156	798.81	90.84	End Shut-In (2)
162	1801.81	91.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	Hocw m-50%o40%ml0%w	0.31

* Recovery from multiple tests

Gas Rates

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

Serial #: 6741

Outside Great Plains Energy Inc.

Moffet #2-32

DST Test Number: 5

