

DRILL STEM TEST REPORT

Prepared For: **Great Plains Energy Inc**

429 N Linden
PO Box 292
Wahoo NE 68066

ATTN: Richard Bell

36 4S 30W Decatur KS

Wasson Brothers Farms #8

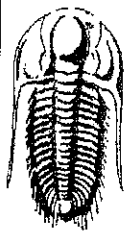
Start Date: 2007.09.14 @ 21:12:54

End Date: 2007.09.15 @ 04:54:54

Job Ticket #: 29223 DST #: 1

15-039-21020
NW SE NW
1690 FNL 1460 FNL

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Great Plains Energy Inc

429 N Linden
PO Box 292
Wahoo NE 68066
ATTN: Richard Bell

Wasson Brothers Farms #8

36 4S 30W Decatur KS

Job Ticket: 29223

DST#: 1

Test Start: 2007.09.14 @ 21:12:54

GENERAL INFORMATION:

Formation: L, KC "A"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:27:24

Time Test Ended: 04:54:54

Interval: 3900.00 ft (KB) To 3920.00 ft (KB) (TVD)

Total Depth: 4179.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle

Tester: Jake Fahrenbruch

Unit No: 22

Reference Elevations: 2837.00 ft (KB)

2832.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 54.15 psig @ 3901.00 ft (KB)

Start Date: 2007.09.14

End Date:

2007.09.15

Start Time: 21:12:56

End Time:

04:54:54

Capacity: 7000.00 psig

Last Calib.: 2007.09.15

Time On Btm: 2007.09.14 @ 23:23:54

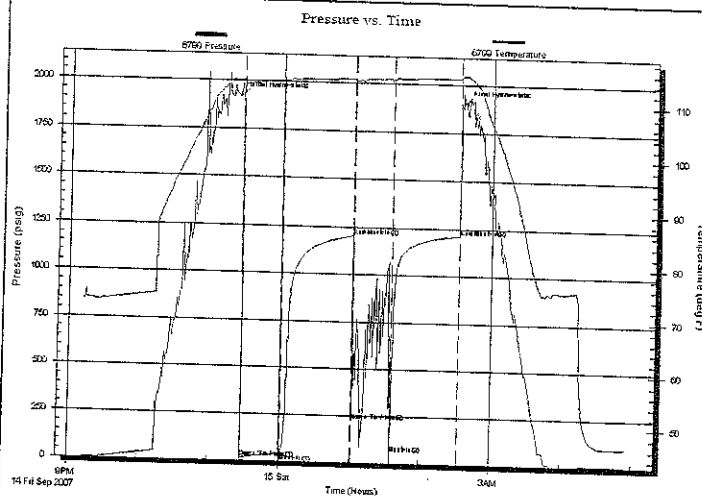
Time Off Btm: 2007.09.15 @ 02:35:44

TEST COMMENT: IF Weak blow built to 2" in bucket.

ISI Bled off

FF No blow back

FF No blow



PRESSURE SUMMARY

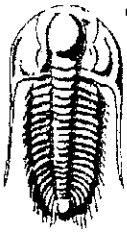
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1918.37	113.97	Initial Hydro-static
4	15.91	113.40	Open To Flow (1)
37	40.62	114.00	Shut-In (1)
97	1202.22	114.51	End Shut-In (1)
98	227.28	114.10	Open To Flow (2)
131	54.15	114.37	Shut-In (2)
189	1209.23	114.92	End Shut-In (2)
192	1898.68	115.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 20%O 80%M	0.34

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/c)
----------------	-----------------	------------------



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Plains Energy Inc

Wasson Brothers Farms #8

429 N Linden
PO Box 292
Wahoo NE 68066
ATTN: Richard Bell

36 4S 30W Decatur KS

Job Ticket: 29223

DST#: 1

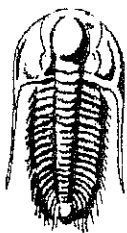
Test Start: 2007.09.14 @ 21:12:54

Tool Information

Drill Pipe:	Length: 3780.00 ft	Diameter: 3.80 inches	Volume: 53.02 bbl	Tool Weight:	3500.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	53.62 bbl	Tool Chased	4.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3900.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	3920.00 ft				
Interval between Packers:	20.00 ft				
Tool Length:	307.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3877.00	
Hydraulic tool	5.00			3882.00	
Jars	5.00			3887.00	
Safety Joint	3.00			3890.00	
Packer	5.00			3895.00	28.00 Bottom Of Top Packer
Packer	5.00			3900.00	
Stubb	1.00			3901.00	
Recorder	0.00	6799	Inside	3901.00	
Perforations	16.00			3917.00	
Recorder	0.00	3354	Outside	3917.00	
Blank Off Sub	3.00			3920.00	20.00 Tool Interval
Packer	3.00			3923.00	
Perforations	31.00			3954.00	
Recorder	0.00	10270	Fluid	3954.00	
Blank Spacing	222.00			4176.00	
Bullnose	3.00			4179.00	259.00 Bottom Packers & Anchor
Total Tool Length:	307.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Plains Energy Inc

Wasson Brothers Farms #8

429 N Linden
PO Box 292
Wahoo NE 68066
ATTN: Richard Bell

36 4S 30W Decatur KS

Job Ticket: 29223

DST#: 1

Test Start: 2007.09.14 @ 21:12:54

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 6.90 in³

Resistivity: ohm.m

Salinity: 700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	OCM 20%O 80%M	0.344

Total Length:

70.00 ft

Total Volume:

0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

