

15-175-22127
Note: Name is Unruh 'B' 2-24

CONFIDENTIAL

MAR 09 2006

KCC



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared for

Daystar Petroleum, Inc.
321 W 93rd St N
Valley Center KS 67147

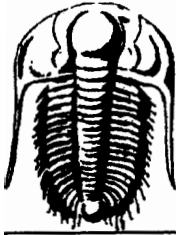
Unruh "B" #2-25 24
24-31S-31W
Seward Co Kansas

Trilobite Testing, Inc
PO Box 362 - Hays, Kansas - 67601
ph: 785-625-4778 fax: 785-625-5620
e-mail: trilobite@eaglecom.net

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MAR 10 2006

KCC WICHITA



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT
 Daystar Petroleum, Inc.
 321 W 93rd St N
 Valley Center KS 67147

Well name#:	Unruh "B" #2-25 24	Date:	12/14/2005
Location#:	24-31S-31W Seward Co Kansas	Ticket #:	22907
		DST#:	1

General Informaion:

Formation:	Swope	Test Type:	Conventional	BHT:	
Interval:	4778-4804	Tester:	Harley Davidson	OIL API:	
Total Depth:	4804	Elevation:	2801 ft(KB)	H2O Salinity:	
Hole Diameter:	7 7/8"		2789 ft(CF)		
Start Data:		Tool Weight:	1800	Mud Type:	Chemical
Start Time:	1:00:00	Weight Set on Packers:	25000	Mud Weight:	9.2
Time tool opened:	4:00:00	Weight to Pull Loose:	80000	Viscosity:	46
Time Off Btm:	10:45:00	Initial String Weight:	75000	Water Loss:	10
End Date:	12/14/05	Final String Weight:	78000	Resistivity:	<u>25000</u>
End Time:	14:30:00	Drill Pipe Length:	4462	Salinity:	2500
		Drill Collar Length:	311		
		Wt. Pipe Length:			

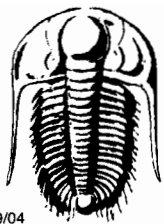
Test Comment:
 IF: BOB 30 sec, stayed blowing off bottom, no GTS
 ISI: Weak building blow, built to 1/2" into bucket.
 FF: Good building blow, 5 min BOB, no GTS.
 FSI: Weak surface blow.

Recovery

Length(ft):	320 MCW	88%W	12%M
	60 OWCM	20%O	40%W 40%M
	60 WGMCO	10%G	45%O 5%W 40%M
	60 100% Condinstate	100%O	
	0 1400 GIP		

Gas Volume Report

Recorder #:	11018	Min:	Ins. Of water PSIG	Orifice size	MCF/D
Pressure Summary:					
	Time:(min)				
Initial Hydro-static:	2332.175				
Open to Flow (1):	189.995	30			
Shut-in (1):	188.89	60			
End Shut-in (1):	1107.92				
Open to Flow (2):	209.105	60			
Shut-in (2):	291.11	90			
End Shut-in (2):	1093.525				
Final Hydro-static:	2283.255				



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22907

Test Ticket

Well Name & No. Unruh "B" 2-24 Test No. 1 Date 12/14/05
 Company Daystate Petroleum, Inc. Zone Tested Swape
 Address 321 W. 93rd St. N Valley Center KS 67147 Elevation 2801 KB 2789 GL
 Co. Rep / Geo. Dred Rine Cont. Stelling #2 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 24 Twp. 31s Rge. 31w Co. Seward State KS
 No. of Copies 1 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4778 - 4804 Initial Str Wt./Lbs. 75K Unseated Str Wt/Lbs. 78K
 Anchor Length 26 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 80K
 Top Packer Depth 4773 Tool Weight 1800
 Bottom Packer Depth 4773 Hole Size 7 7/8" _____ Rubber Size 6 3/4" _____
 Total Depth 4804 Wt. Pipe Run 0 Drill Collar Run 311
 Mud Wt. 9.2 LCM 2 Vis. 46 WL 10 Drill Pipe Size 4.5H Ft. Run 462
 Blow Description IF - BOB 30 sec. Stayed blowing off bottom, "No BTS!"
IST - weak building blow, built to 1/2 in. into bucket.
FF - Good building blow 5 min. BOB, No BTS.
FST - weak surface blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>500</u>	<u>1400</u>		
Rec. <u>60</u>	Feet of <u>100% carbonate</u>	%gas <u>100</u> %oil _____ %water _____ %mud _____	
Rec. <u>60</u>	Feet of <u>WGMCO</u>	<u>10</u> %gas <u>45</u> %oil <u>5</u> %water <u>40</u> %mud _____	
Rec. <u>60</u>	Feet of <u>OWCM</u>	%gas <u>20</u> %oil <u>40</u> %water <u>40</u> %mud _____	
Rec. <u>320</u>	Feet of <u>MCW</u>	%gas _____ %oil <u>88</u> %water <u>12</u> %mud _____	

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.30 @ 49 °F Chlorides _____ ppm Recovery 25000 Chlorides 2500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2332.175</u>	PSI	<u>6769</u>	<u>1100° 9m</u>
(B) First Initial Flow Pressure	<u>189.995</u>	PSI	(depth) <u>4780</u>	Jars <u>200°</u>
(C) First Final Flow Pressure	<u>188.89</u>	PSI	Recorder No. <u>11018</u>	Safety Jt. <u>50°</u>
(D) Initial Shut-In Pressure	<u>1107.92</u>	PSI	(depth) <u>4804</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>209.105</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>291.11</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1093.525</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2283.255</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

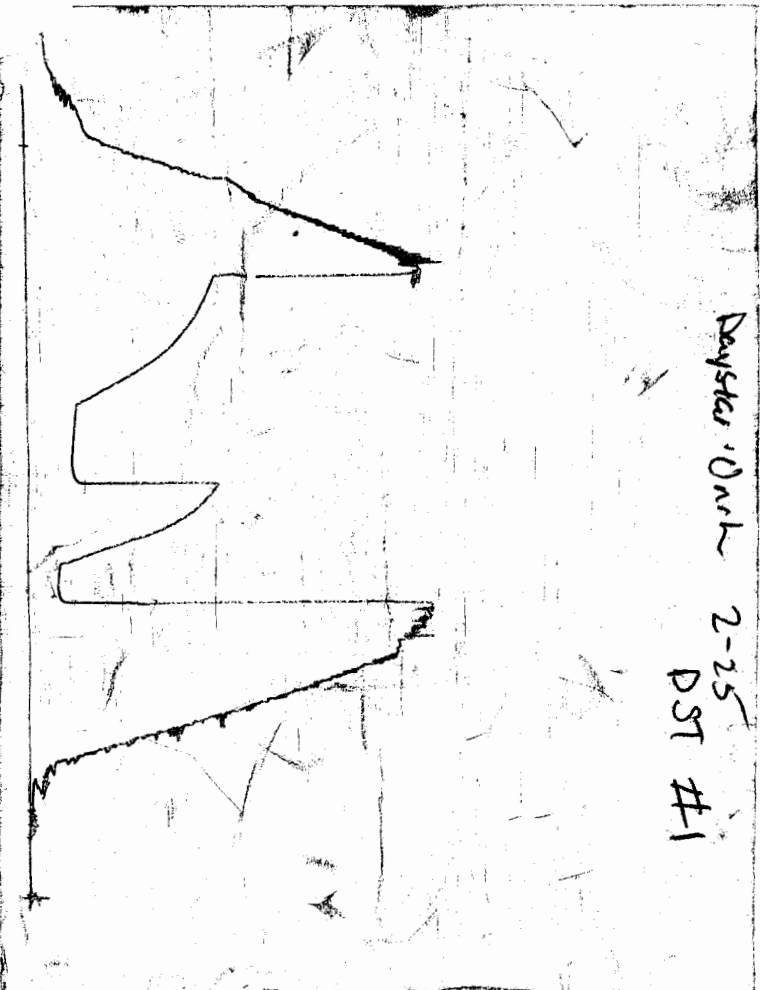
Approved By _____
 Jur Representative Harley Dick

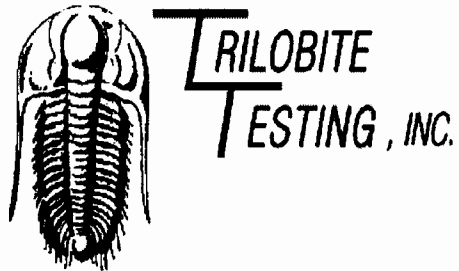
Final Flow 60
 Final Shut-In 90
 T-On Location 100 Am
 T-Started 4:00 Am
 T-Open 6:30 Am
 T-Pulled 10:45 Am
 T-Out 2:30 pm

Mileage 11400
 Sub Total: 1464
 Std. By 4.5 200 37.5
 Other ACC: 150 750
 Total: 1 \$1851.5
 Less Eke records

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W. 93rd. St. N. Valley Center Ks. 67147

ATTN: Brad Rine

24/31S/31W

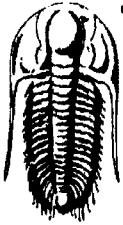
Unruh B 2-24

Start Date: 2005.12.15 @ 14:30:40

End Date: 2005.12.16 @ 05:14:46

Job Ticket #: 22908 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22908

DST#: 2

ATTN: Brad Rine

Test Start: 2005.12.15 @ 14:30:40

Tool Information

Drill Pipe:	Length: 4638.00 ft	Diameter: 2.25 inches	Volume: 22.81 bbl	Tool Weight: 1800.00 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: 311.00 ft	Diameter: 3.80 inches	Volume: 4.36 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 27.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 87000.00 lb
Depth to Top Packer:	4972.00 ft			Final 110000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 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			4946.00	
Shut In Tool	5.00			4951.00	
Hydraulic tool	5.00			4956.00	
Jars	5.00			4961.00	
Safety Joint	2.00			4963.00	
Packer	5.00			4968.00	27.00 Bottom Of Top Packer
Packer	4.00			4972.00	
Stubb	1.00			4973.00	
Perforations	1.00			4974.00	
Change Over Sub	1.00			4975.00	
Drill Pipe	60.00			5035.00	
Change Over Sub	1.00			5036.00	
Recorder	0.00	6769	Inside	5036.00	
Perforations	6.00			5042.00	
Recorder	0.00	6724	Outside	5042.00	
Bullnose	4.00			5046.00	74.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22908

DST#: 2

ATTN: Brad Rine

Test Start: 2005.12.15 @ 14:30:40

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4800.00	SMCOOG. Tr mud, 40% oil, 60% gas. 0 w at	26.439

Total Length: 4800.00 ft

Total Volume: 26.439 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22908

DST#: 2

ATTN: Brad Rine

Test Start: 2005.12.15 @ 14:30:40

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

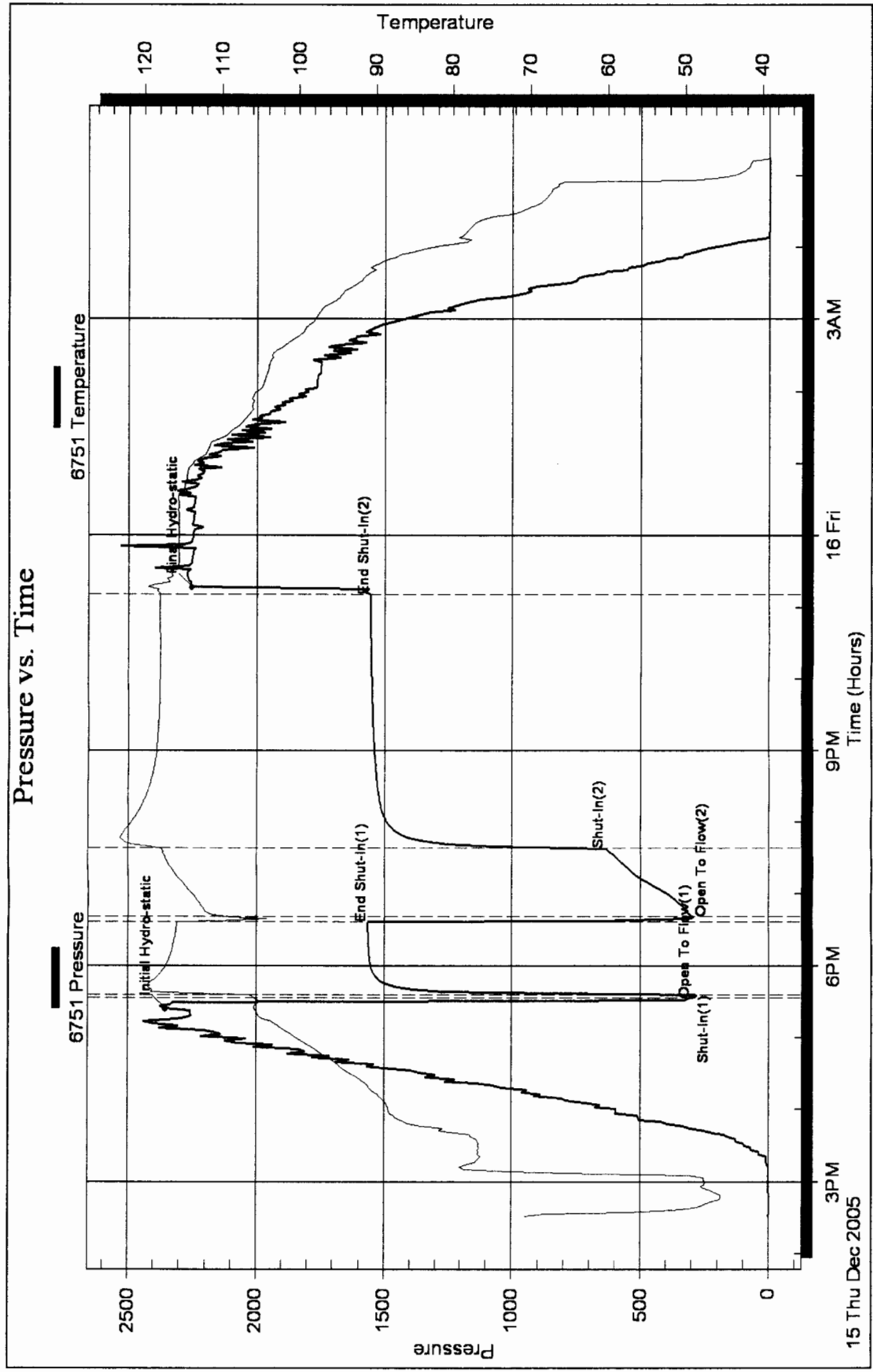
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.50	23.00	252.29
2	20	0.50	7.00	144.36
2	30	0.50	3.00	117.38
2	40	0.25	6.00	32.36
2	50	0.25	4.00	29.19
2	60	0.25	2.00	26.02

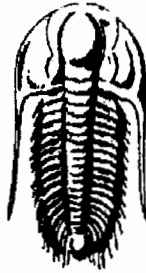
Serial #: 6751

Daystar Petroleum Inc.

24/31S/31W

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W. 93rd. St. N. Valley Center Ks. 67147

ATTN: Brad Rine

24/31S/31W

Unruh B 2-24

Start Date: 2005.12.16 @ 22:00:32

End Date: 2005.12.17 @ 09:22:42

Job Ticket #: 22909 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Daystar Petroleum Inc.

Unruh B 2-24

24/31S/31W

DST # 3

Pawnee

2005.12.16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc.
 1321 W. 93rd. St. N. Valley Center Ks. 67147
 ATTN: Brad Rine

Unruh B 2-24
24/31S/31W
 Job Ticket: 22909 **DST#: 3**
 Test Start: 2005.12.16 @ 22:00:32

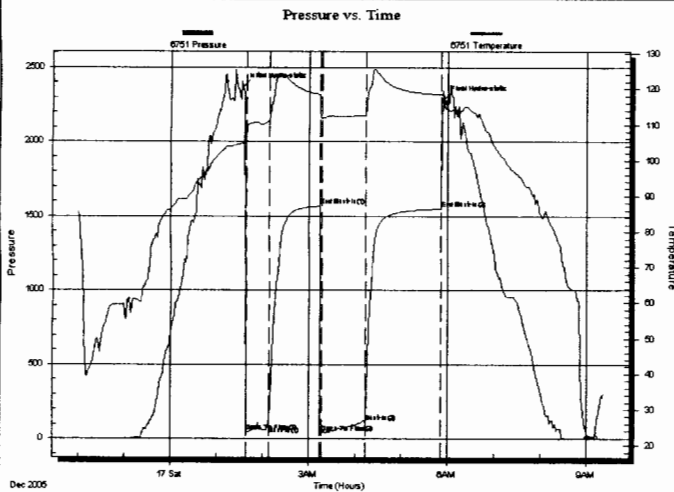
GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **01:38:18**
 Tester: **Harley Davidson**
 Time Test Ended: **09:22:42**
 Unit No: **33**
 Interval: **5038.00 ft (KB) To 5100.00 ft (KB) (TVD)**
 Reference Elevations: **2801.00 ft (KB)**
 Total Depth: **5100.00 ft (KB) (TVD)**
2789.00 ft (CF)
 Hole Diameter: **7.78 inches** Hole Condition: **Fair**
 KB to GR/CF: **12.00 ft**

Serial #: 6751

Press@RunDepth: **109.97 psig @** ft (KB) Capacity: **7000.00 psig**
 Start Date: **2005.12.16** End Date: **2005.12.17** Last Calib.: **1899.12.30**
 Start Time: **22:00:33** End Time: **09:22:42** Time On Btm: **2005.12.17 @ 01:33:45**
 Time Off Btm: **2005.12.17 @ 05:54:47**

TEST COMMENT: **F-** Strong blow , BOB 1 min. GTS 25 min.
IS- No blow back.
FF- Strong blow , BOB, GTS, ASAO.
FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2371.75	104.78	Initial Hydro-static
5	44.87	106.01	Open To Flow (1)
35	82.80	110.94	Shut-in(1)
101	1567.61	118.47	End Shut-in(1)
104	39.42	111.83	Open To Flow (2)
161	109.97	112.49	Shut-in(2)
258	1549.58	118.47	End Shut-in(2)
262	2287.13	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	100% Mud, with a trace of gas.	0.91

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.51
Last Gas Rate	0.13	55.00	25.98
Max. Gas Rate	0.13	55.00	25.98



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22909

DST#: 3

ATTN: Brad Rine

Test Start: 2005.12.16 @ 22:00:32

Tool Information

Drill Pipe:	Length: 4704.00 ft	Diameter: 3.80 inches	Volume: 65.98 bbl	Tool Weight: 1800.00 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: 311.00 ft	Diameter: 2.25 inches	Volume: 1.53 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 67.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	5038.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	89.00 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			5012.00	
Shut In Tool	5.00			5017.00	
Hydraulic tool	5.00			5022.00	
Jars	5.00			5027.00	
Safety Joint	2.00			5029.00	
Packer	5.00			5034.00	27.00 Bottom Of Top Packer
Packer	4.00			5038.00	
Stubb	1.00			5039.00	
Perforations	1.00			5040.00	
Recorder	0.00	6769	Inside	5040.00	
Change Over Sub	1.00			5041.00	
Drill Pipe	32.00			5073.00	
Change Over Sub	1.00			5074.00	
Recorder	0.00	6724	Outside	5074.00	
Perforations	22.00			5096.00	
Bullnose	4.00			5100.00	62.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22909

DST#: 3

ATTN: Brad Rine

Test Start: 2005.12.16 @ 22:00:32

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	100% Mud,with a trace of gas.	0.915

Total Length: 186.00 ft

Total Volume: 0.915 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22909

DST#: 3

ATTN: Brad Fine

Test Start: 2005.12.16 @ 22:00:32

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

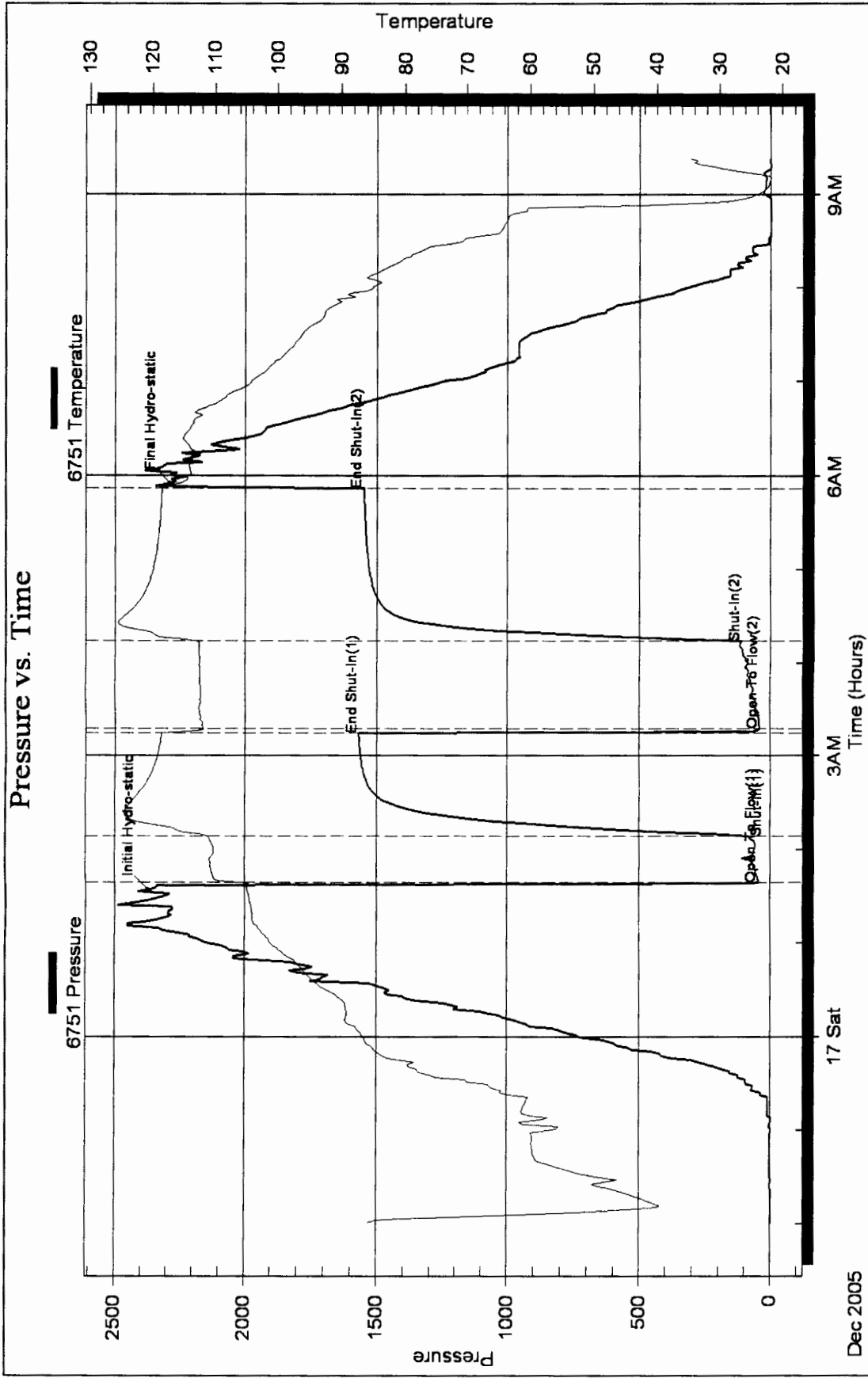
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.13	3.00	6.51
2	20	0.13	9.00	8.76
2	30	0.13	20.00	12.88
2	40	0.13	30.00	16.62
2	50	0.13	40.00	20.36
2	60	0.13	55.00	25.98

Serial #: 6751

Daystar Petroleum Inc.

24/31S/31W

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W. 93rd. St. N. Valley Center Ks. 67147

ATTN: Brad Rine

24/31S/31W

Unruh B 2-24

Start Date: 2005.12.19 @ 02:30:00

End Date: 2005.12.19 @ 17:12:30

Job Ticket #: 22910 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Daystar Petroleum Inc.

Unruh B 2-24

24/31S/31W

DST # 4

Morrow

2005.12.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22910

DST#: 4

ATTN: Brad Rine

Test Start: 2005.12.19 @ 02:30:00

GENERAL INFORMATION:

Formation: **Morrow**

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

Time Tool Opened: 06:56:17

Time Test Ended: 17:12:30

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5394.00 ft (KB) To 5480.00 ft (KB) (TVD)**

Reference Elevations: **2801.00 ft (KB)**

Total Depth: **5480.00 ft (KB) (TVD)**

2789.00 ft (CF)

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

KB to GR/CF: **12.00 ft**

Serial #: 6751

Press@RunDepth: **200.47 psig @ ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.12.19**

End Date: **2005.12.19**

Last Calib.: **1899.12.30**

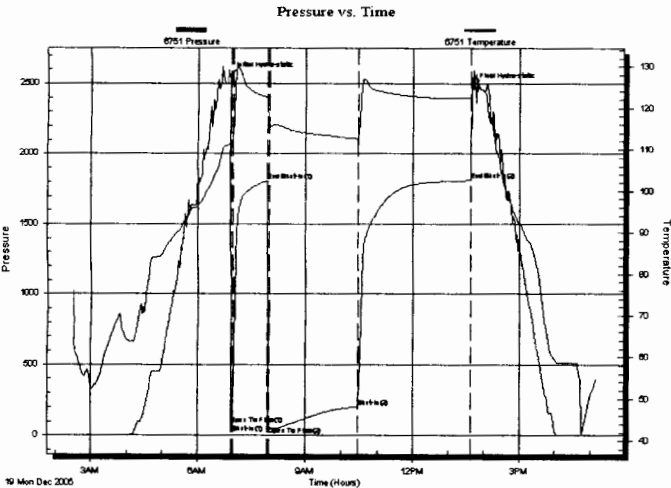
Start Time: **02:30:01**

End Time: **17:12:30**

Time On Btm: **2005.12.19 @ 06:53:15**

Time Off Btm: **2005.12.19 @ 13:41:20**

TEST COMMENT: **F- Strong blow, BOB ASAO.
IS- No blow back.
FF- Strong blow, BOB ASAO, GTS 4 min.
FS- No blow back**



PRESSURE SUMMARY

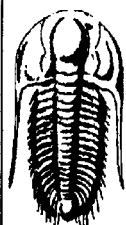
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2553.25	111.38	Initial Hydro-static
4	75.63	110.94	Open To Flow (1)
6	79.27	112.10	Shut-In(1)
64	1805.29	122.58	End Shut-In(1)
67	60.98	115.58	Open To Flow (2)
216	200.47	112.61	Shut-In(2)
406	1810.07	122.48	End Shut-In(2)
409	2482.59	125.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	2% gas, 98%Mud.	0.73

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	7.00	144.36
Last Gas Rate	0.50	151.00	1115.74
Max. Gas Rate	0.50	151.00	1115.74



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22910

DST#: 4

ATTN: Brad Rine

Test Start: 2005.12.19 @ 02:30:00

Tool Information

Drill Pipe:	Length: 5086.00 ft	Diameter: 3.80 inches	Volume: 71.34 bbl	Tool Weight: 1800.00 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: 311.00 ft	Diameter: 2.50 inches	Volume: 1.89 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume:	73.23 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	5394.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	86.00 ft			
Tool Length:	113.00 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			5368.00	
Shut In Tool	5.00			5373.00	
Hydraulic tool	5.00			5378.00	
Jars	5.00			5383.00	
Safety Joint	2.00			5385.00	
Packer	5.00			5390.00	27.00 Bottom Of Top Packer
Packer	4.00			5394.00	
Stubb	1.00			5395.00	
Perforations	1.00			5396.00	
Change Over Sub	1.00			5397.00	
Drill Pipe	62.00			5459.00	
Change Over Sub	1.00			5460.00	
Recorder	0.00	6769	Inside	5460.00	
Perforations	16.00			5476.00	
Recorder	0.00	6724	Outside	5476.00	
Bullnose	4.00			5480.00	86.00 Bottom Packers & Anchor
Total Tool Length:	113.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22910

DST#: 4

ATTN: Brad Rine

Test Start: 2005.12.19 @ 02:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	2% gas, 98%Mud.	0.729

Total Length: 120.00 ft Total Volume: 0.729 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum Inc.

Unruh B 2-24

1321 W. 93rd. St. N. Valley Center Ks. 67147

24/31S/31W

Job Ticket: 22910

DST#: 4

ATTN: Brad Rine

Test Start: 2005.12.19 @ 02:30:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.50	7.00	144.36
2	30	0.50	30.00	299.51
2	50	0.50	55.00	468.15
2	70	0.50	79.00	630.05
2	80	0.50	110.00	839.16
2	110	0.50	125.00	940.35
2	135	0.50	139.00	1034.79
2	150	0.50	151.00	1115.74

Serial #: 6751

Daystar Petroleum Inc.

24/31S31W

DST Test Number: 4

Pressure vs. Time

