

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum, Inc.**

1321 W.93rd St.
N.Valley Center,KS 67147

ATTN: Brad Rine

9-34s-19w

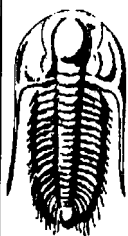
Ransom#9-1

Start Date: 2001.12.05 @ 15:56:08

End Date: 2001.12.05 @ 23:47:23

Job Ticket #: 15302 DST #: 1

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

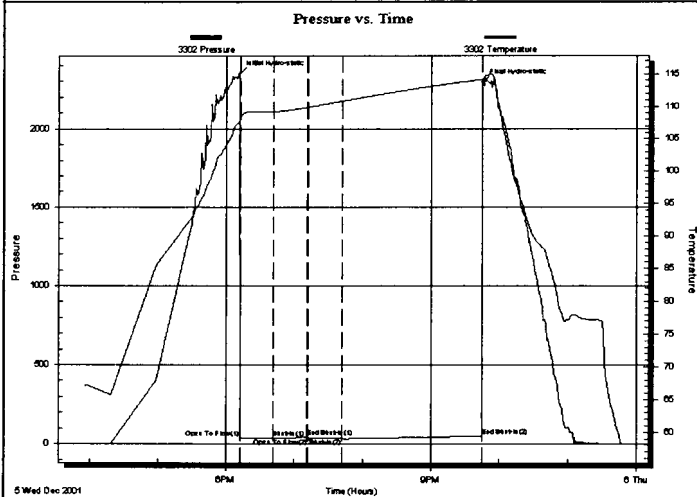
Ransom#9-1
9-34s-19w
Job Ticket: 15302 **DST#: 1**
Test Start: 2001.12.05 @ 15:56:08

GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:12:08
Time Test Ended: 23:47:23
Interval: **4854.00 ft (KB) To 4871.00 ft (KB) (TVD)**
Total Depth: 4871.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Darren L. Amerine
Unit No: 19
Reference Elevations: 1860.00 ft (KB)
1849.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 3302 Inside
Press@RunDepth: 38.19 psig @ 4855.00 ft (KB)
Start Date: 2001.12.05 End Date: 2001.12.05
Start Time: 15:56:10 End Time: 23:47:23
Capacity: 7000.00 psig
Last Calib.: 2001.12.05
Time On Btm: 2001.12.05 @ 18:11:38
Time Off Btm: 2001.12.05 @ 21:45:23

TEST COMMENT: IF: Weak blow built to 1-1/2" in H₂O bucket.
IS: Bled down for 10 mins. no blow back.
FF: Dead blow.
FSI: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.97	107.87	Initial Hydro-static
1	37.88	108.06	Open To Flow (1)
30	37.74	109.19	Shut-In (1)
60	42.98	109.86	End Shut-In (1)
61	36.09	109.89	Open To Flow (2)
91	38.19	110.84	Shut-In (2)
214	50.73	114.13	End Shut-In (2)
214	2291.66	114.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100 - Mud	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15302

DST#: 1

ATTN: Brad Rine

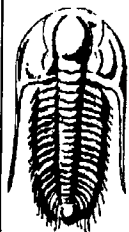
Test Start: 2001.12.05 @ 15:56:08

Tool Information

Drill Pipe:	Length: 4652.00 ft	Diameter: 3.80 inches	Volume: 65.26 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 66.16 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4854.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4827.00	
S.I. Tool	5.00			4832.00	
HMV	5.00			4837.00	
Jars	5.00			4842.00	
Safety Joint	2.00			4844.00	
Packer	5.00			4849.00	28.00 Bottom Of Top Packer
Packer	5.00			4854.00	
Stubb	1.00			4855.00	
Recorder	0.00	3302	Inside	4855.00	
Anchor	13.00			4868.00	
Recorder	0.00	13769	Outside	4868.00	
Bullnose	3.00			4871.00	17.00 Bottom Packers & Anchor

Total Tool Length: 45.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15302

DST#: 1

ATTN: Brad Rine

Test Start: 2001.12.05 @ 15:56:08

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.35 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100 - Mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

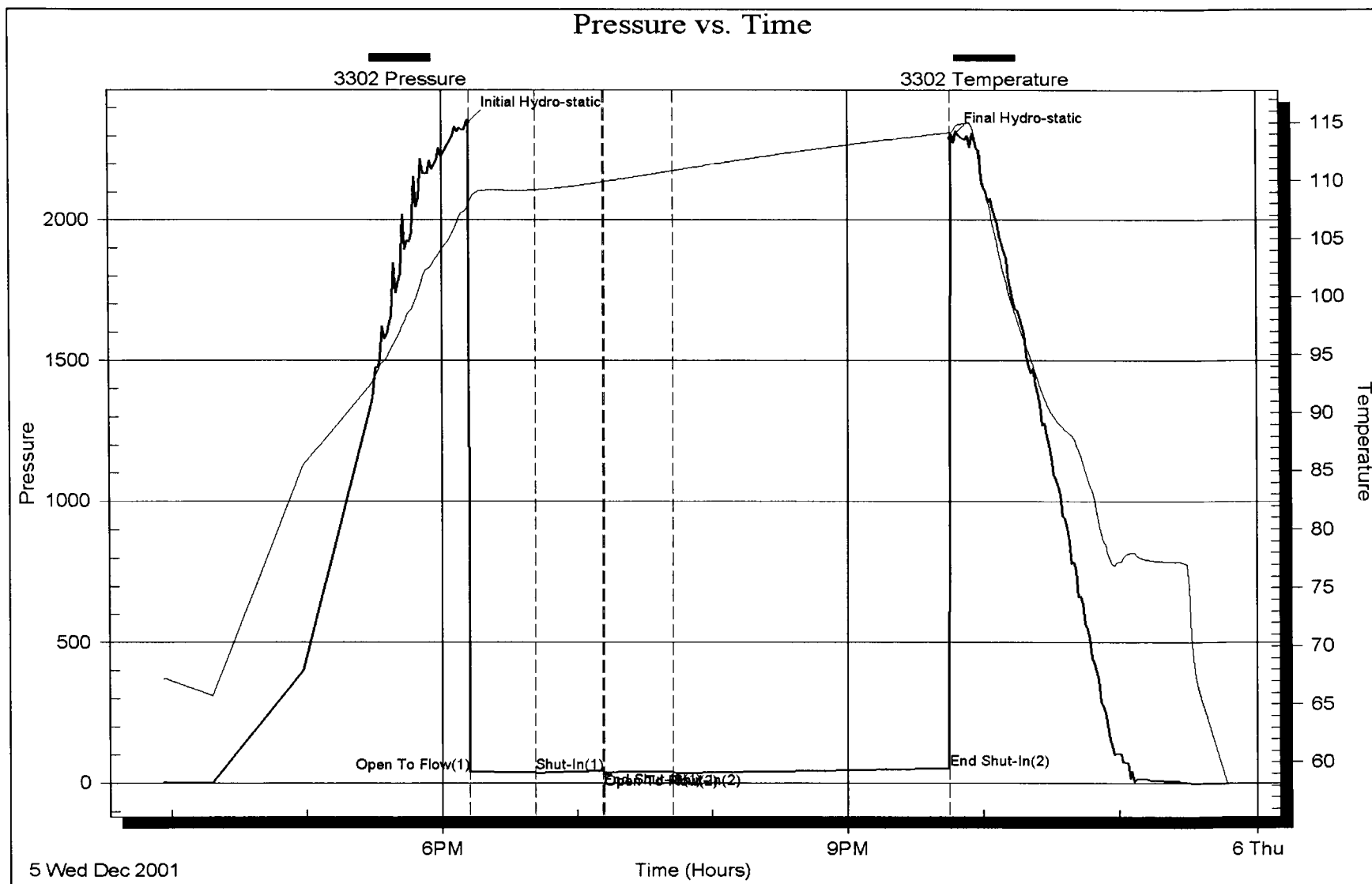
Num Gas Bombs: 0

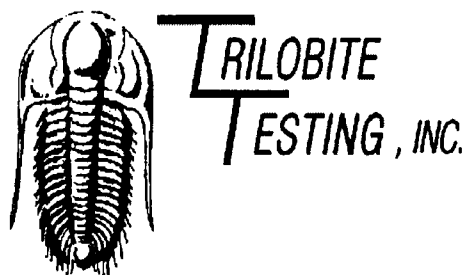
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum, Inc.**

1321 W.93rd St.
N.Valley Center,KS 67147

ATTN: Brad Rine

9-34s-19w

Ransom#9-1

Start Date: 2001.12.07 @ 06:00:42

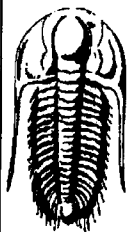
End Date: 2001.12.07 @ 15:31:12

Job Ticket #: 15303 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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DRILL STEM TEST REPORT

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

Ransom#9-1
9-34s-19w
Job Ticket: 15303 **DST#: 2**
Test Start: 2001.12.07 @ 06:00:42

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:19:57
Time Test Ended: 15:31:12

Test Type: Conventional Bottom Hole
Tester: Darren L. Amerine
Unit No: 19

Interval: **5025.00 ft (KB) To 5160.00 ft (KB) (TVD)**
Total Depth: 5160.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1860.00 ft (KB)
1849.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 3302

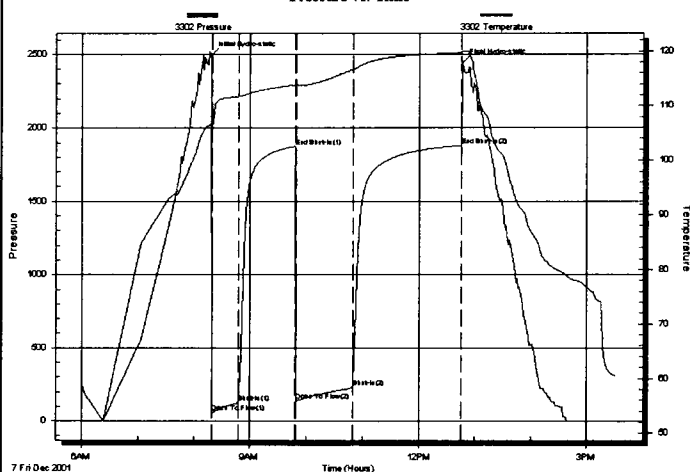
Inside

Press@RunDepth: 229.06 psig @ 5032.00 ft (KB)
Start Date: 2001.12.07 End Date: 2001.12.07
Start Time: 06:00:44 End Time: 15:31:12

Capacity: 7000.00 psig
Last Calib.: 2001.12.07
Time On Btm: 2001.12.07 @ 08:18:42
Time Off Btm: 2001.12.07 @ 12:46:42

TEST COMMENT: IF: Strong blow built to b.o.b in 76 sec.
IS: Bled down n for 5 mins. built back to 1/4" in H₂O.
FF: Strong blow built to b.o.b in 60 sec.
FS: Bled down n for 10 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

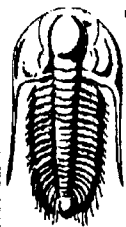
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2494.28	106.49	Initial Hydro-static
2	59.32	106.41	Open To Flow (1)
29	124.27	111.74	Shut-In(1)
90	1874.37	113.85	End Shut-In(1)
91	140.35	113.92	Open To Flow (2)
151	229.06	116.67	Shut-In(2)
268	1880.84	119.70	End Shut-In(2)
268	2443.09	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	HMOGW 4%gas 45%water 51%mud	0.59
330.00	SMOGW 8%gas 70%water 22%mud	4.06
1200.00	01 - Gas	16.83

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Ransom#9-1
9-34s-19w
Job Ticket: 15303 **DST#:2**
Test Start: 2001.12.07 @ 06:00:42

Tool Information

Drill Pipe:	Length: 4841.00 ft	Diameter: 3.80 inches	Volume: 67.91 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 68.81 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	5025.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	136.00 ft			
Tool Length:	164.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4998.00	
S.I. Tool	5.00			5003.00	
HMV	5.00			5008.00	
Jars	5.00			5013.00	
Safety Joint	2.00			5015.00	
Packer	5.00			5020.00	28.00 Bottom Of Top Packer
Packer	5.00			5025.00	
Stubb	1.00			5026.00	
Anchor	6.00			5032.00	
Recorder	0.00	3302	Inside	5032.00	
Blank Spacing	126.00			5158.00	
Recorder	0.00	10991	Outside	5158.00	
Bullnose	3.00			5161.00	136.00 Bottom Packers & Anchor

Total Tool Length: 164.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center,KS 67147

9-34s-19w

Job Ticket: 15303

DST#: 2

ATTN: Brad Rine

Test Start: 2001.12.07 @ 06:00:42

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: 70000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	HMC GW 4% gas 45% water 51% mud	0.590
330.00	SMC GW 8% gas 70% water 22% mud	4.064
1200.00	01 - Gas	16.833

Total Length: 1650.00 ft Total Volume: 21.487 bbl

Num Fluid Samples: 0

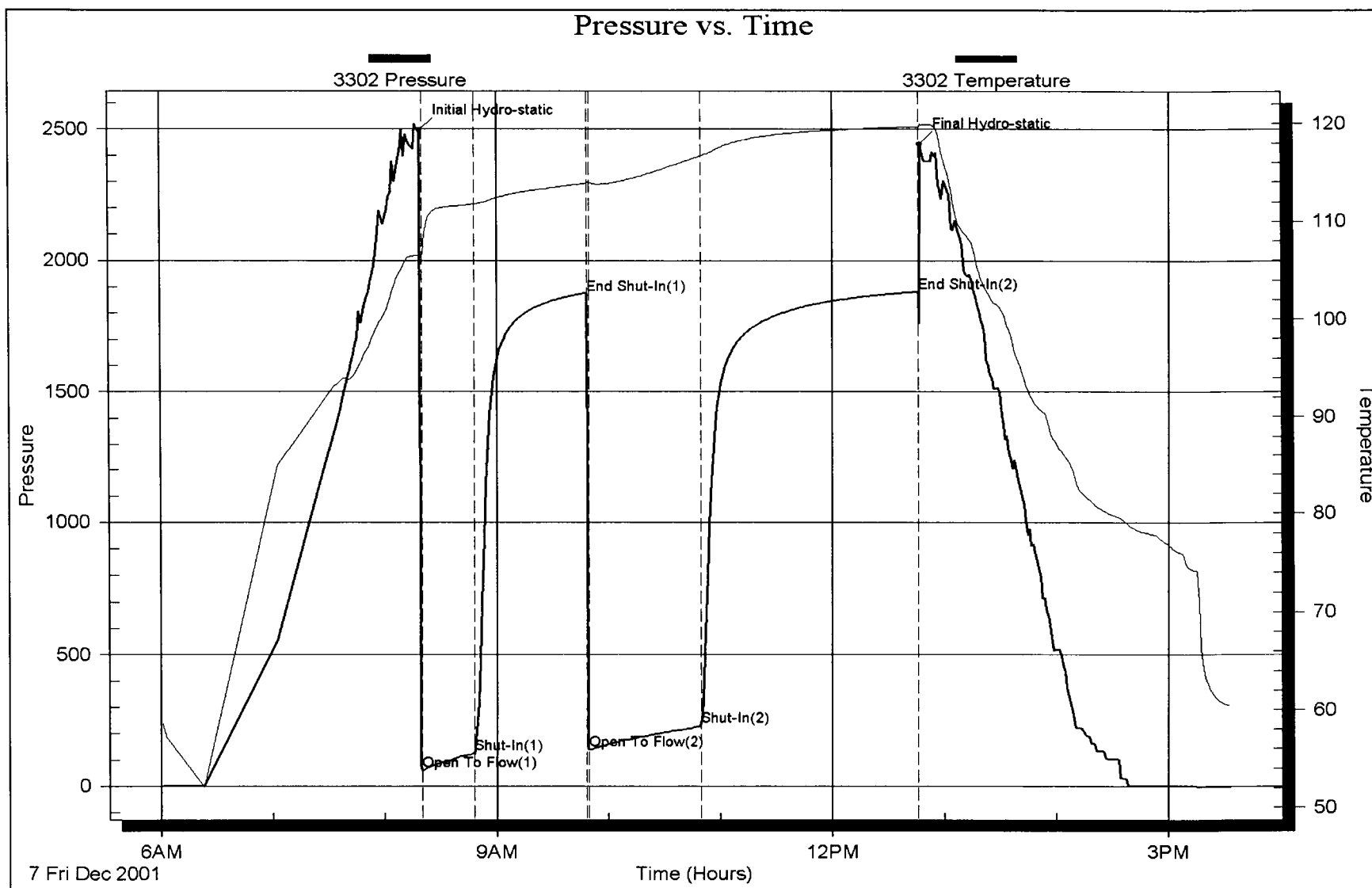
Num Gas Bombs: 0

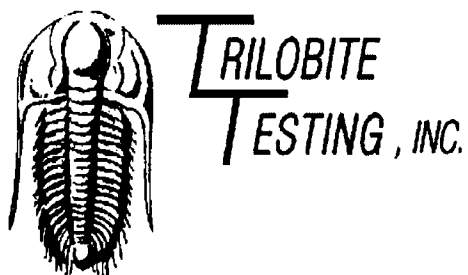
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum, Inc.**

1321 W.93rd St.
N.Valley Center,KS 67147

ATTN: Brad Rine

9-34s-19w

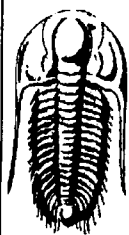
Ransom#9-1

Start Date: 2001.12.08 @ 08:53:50

End Date: 2001.12.08 @ 18:03:50

Job Ticket #: 15304 DST #: 3

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



TRILOBITE
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DRILL STEM TEST REPORT

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

Ransom#9-1
9-34s-19w
Job Ticket: 15304 **DST#: 3**
Test Start: 2001.12.08 @ 08:53:50

GENERAL INFORMATION:

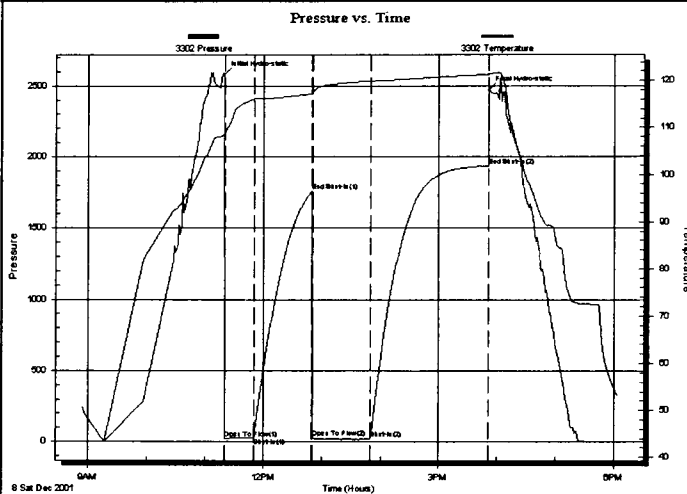
Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:20:20
Time Test Ended: 18:03:50
Interval: **5237.00 ft (KB) To 5300.00 ft (KB) (TVD)**
Total Depth: 5300.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Darren L.Amerine
Unit No: 19
Reference Elevations: 1860.00 ft (KB)
1849.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 3302

Inside

Press@RunDepth: 18.51 psig @ 5243.00 ft (KB)
Start Date: 2001.12.08 End Date: 2001.12.08
Start Time: 08:53:52 End Time: 18:03:50
Capacity: 7000.00 psig
Last Calib.: 2001.12.08
Time On Btm: 2001.12.08 @ 11:19:20
Time Off Btm: 2001.12.08 @ 15:51:20

TEST COMMENT: IF: Fair blow built to b.o.b in 8-1/2 mins.
IS: Bled down for 5 mins. no blow back.
FF: Strong blow b.o.b in 30 sec. GTS in 21 mins gauge gas.
FS: Bled down for 20 mins. no blow back.



PRESSURE SUMMARY

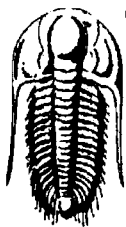
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2580.45	108.45	Initial Hydro-static
1	22.25	108.68	Open To Flow (1)
31	27.58	116.10	Shut-In (1)
90	1756.89	117.21	End Shut-In (1)
92	29.46	117.55	Open To Flow (2)
150	18.51	119.91	Shut-In (2)
272	1934.76	121.33	End Shut-In (2)
273	2468.16	121.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5207.00	01 - Gas	71.38
30.00	Gas cut mud	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15304

DST#: 3

ATTN: Brad Rine

Test Start: 2001.12.08 @ 08:53:50

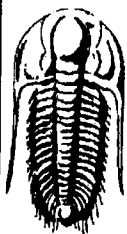
Tool Information

Drill Pipe:	Length: 5055.00 ft	Diameter: 3.80 inches	Volume: 70.91 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 71.81 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	5237.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5210.00	
S.I. Tool	5.00			5215.00	
HMV	5.00			5220.00	
Jars	5.00			5225.00	
Safety Joint	2.00			5227.00	
Packer	5.00			5232.00	28.00 Bottom Of Top Packer
Packer	5.00			5237.00	
Stubb	1.00			5238.00	
Anchor	5.00			5243.00	
Recorder	0.00	3302	Inside	5243.00	
Anchor	23.00			5266.00	
Recorder	0.00	10991	Outside	5266.00	
Blank Spacing	31.00			5297.00	
Bullnose	3.00			5300.00	63.00 Bottom Packers & Anchor

Total Tool Length: 91.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15304

DST#: 3

ATTN: Brad Rine

Test Start: 2001.12.08 @ 08:53:50

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.57 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5207.00	01 - Gas	71.383
30.00	Gas cut mud	0.421

Total Length: 5237.00 ft Total Volume: 71.804 bbl

Num Fluid Samples: 1

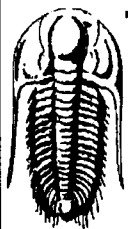
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center,KS 67147

9-34s-19w

Job Ticket: 15304

DST#: 3

ATTN: Brad Rine

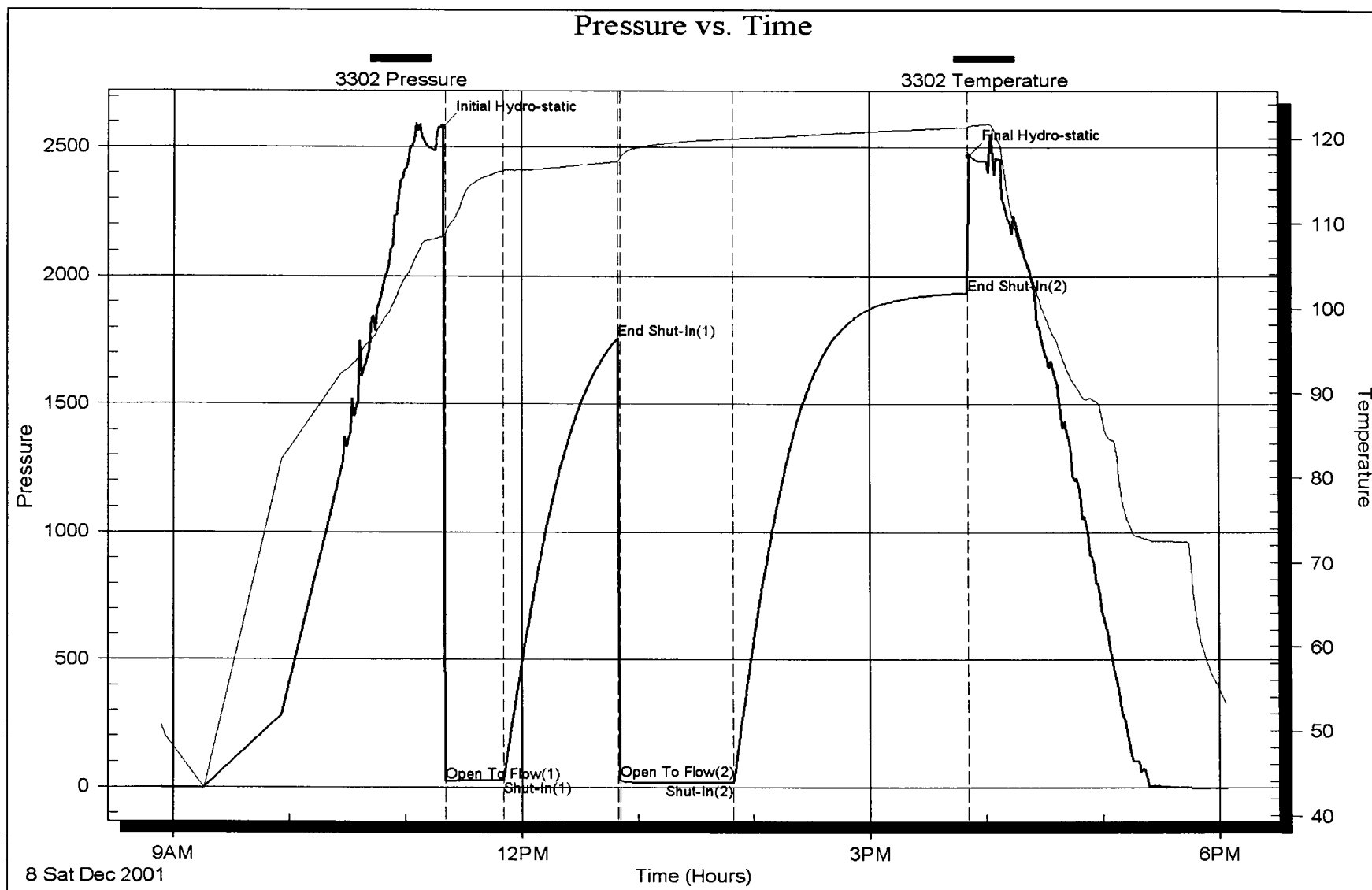
Test Start: 2001.12.08 @ 08:53:50

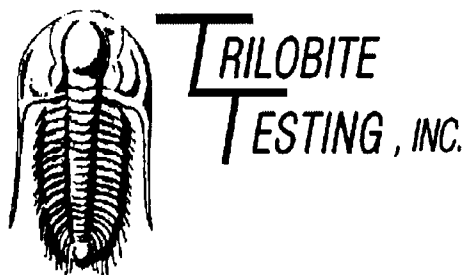
Gas Rates Information

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 (m³/d)
		0.00	0.00	0.00





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum, Inc.**

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N.Valley Center,KS 67147

ATTN: Brad Rine

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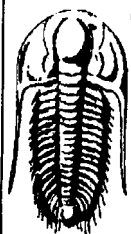
Ransom#9-1

Start Date: 2001.12.11 @ 17:47:17

End Date: 2001.12.12 @ 02:50:15

Job Ticket #: 15305 DST #: 4

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



TRILOBITE
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DRILL STEM TEST REPORT

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

Ransom#9-1
9-34s-19w
Job Ticket: 15305 **DST#: 4**
Test Start: 2001.12.11 @ 17:47:17

GENERAL INFORMATION:

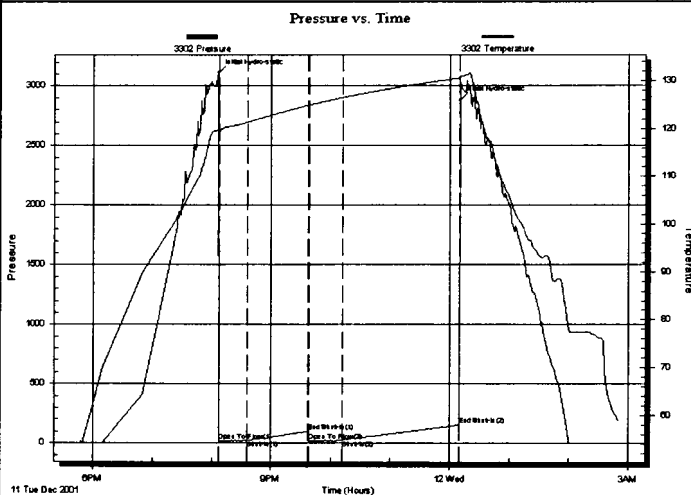
Formation: **Viola**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 20:07:00
Time Test Ended: 02:50:15
Interval: **6136.00 ft (KB) To 6150.00 ft (KB) (TVD)**
Total Depth: **6150.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Darren L.Amerine**
Unit No: **19**
Reference Elevations: **1860.00 ft (KB)**
1849.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 3302

Inside

Press@RunDepth: **27.52 psig @ 6137.00 ft (KB)**
Start Date: **2001.12.11** End Date: **2001.12.12**
Start Time: **17:47:17** End Time: **02:50:15**
Capacity: **7000.00 psig**
Last Calib.: **2001.12.12**
Time On Btm: **2001.12.11 @ 20:06:30**
Time Off Btm: **2001.12.12 @ 00:10:00**

TEST COMMENT: IF: Weak blow built to 6" in H₂O bucket.
IS: Bled down for 5 mins. no blow back.
FF: Weak surface blow.
FS: Bled down for 2 mins. no blow back.



PRESSURE SUMMARY

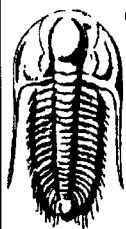
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3110.21	119.67	Initial Hydro-static
1	17.83	119.50	Open To Flow (1)
30	23.04	121.40	Shut-In (1)
91	99.48	124.85	End Shut-In (1)
92	18.47	124.89	Open To Flow (2)
126	27.52	126.45	Shut-In (2)
244	155.19	130.54	End Shut-In (2)
244	2879.36	130.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	01 - Gas	0.59
20.00	SGCM 4% gas 96% mud	0.10

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

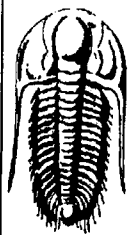
Ransom#9-1
9-34s-19w
Job Ticket: 15305 **DST#: 4**
Test Start: 2001.12.11 @ 17:47:17

Tool Information

Drill Pipe:	Length: 5954.00 ft	Diameter: 3.80 inches	Volume: 83.52 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 84.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	6136.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			6109.00	
S.I. Tool	5.00			6114.00	
HMV	5.00			6119.00	
Jars	5.00			6124.00	
Safety Joint	2.00			6126.00	
Packer	5.00			6131.00	28.00 Bottom Of Top Packer
Packer	5.00			6136.00	
Stubb	1.00			6137.00	
Recorder	0.00	3302	Inside	6137.00	
Anchor	10.00			6147.00	
Recorder	0.00	10991	Outside	6147.00	
Bullnose	3.00			6150.00	14.00 Bottom Packers & Anchor

Total Tool Length: 42.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15305

DST#: 4

ATTN: Brad Rine

Test Start: 2001.12.11 @ 17:47:17

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: 67.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	01 - Gas	0.590
20.00	SGCM 4% gas 96% mud	0.098

Total Length: 140.00 ft

Total Volume: 0.688 bbl

Num Fluid Samples: 0

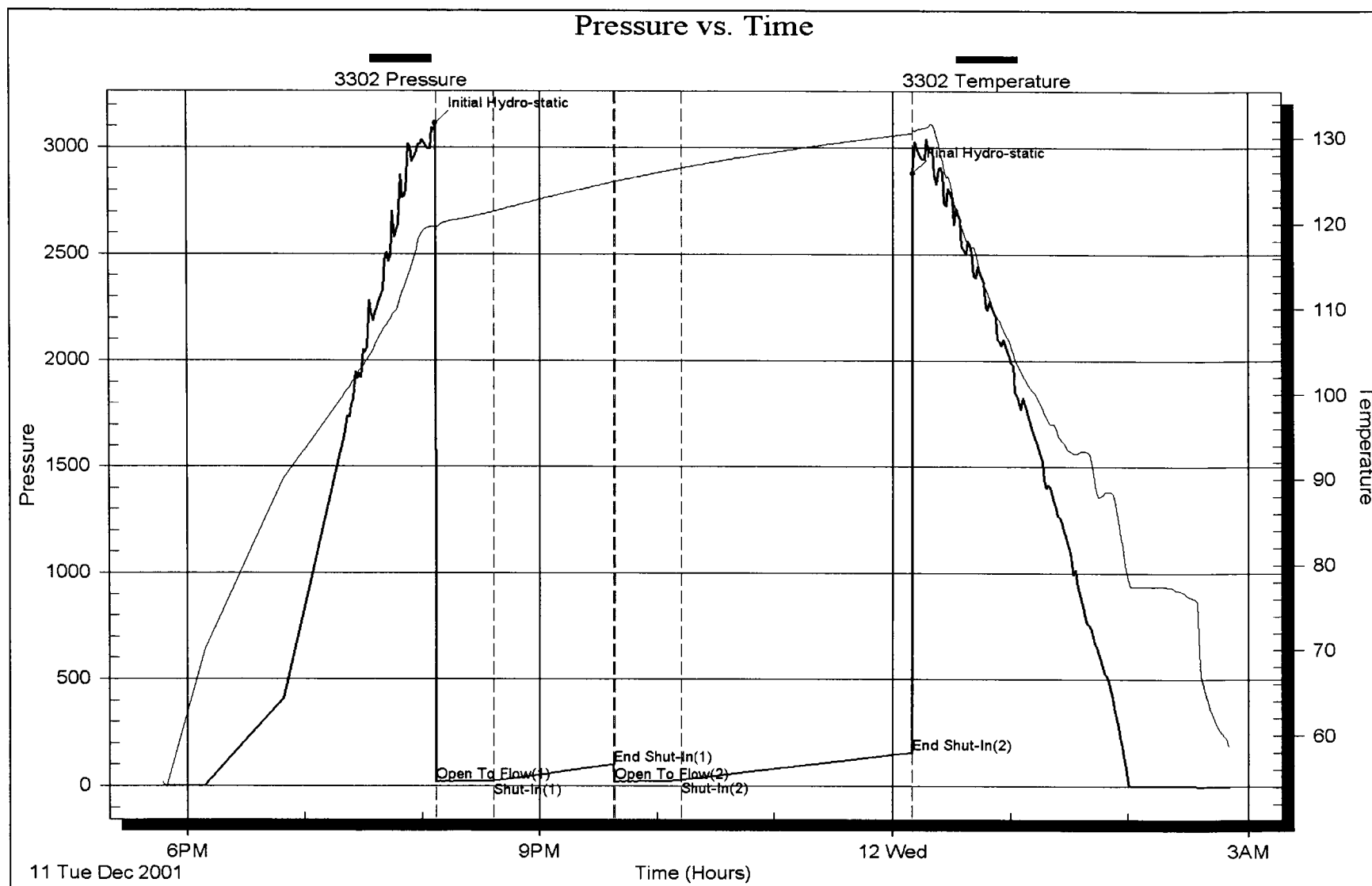
Num Gas Bombs: 0

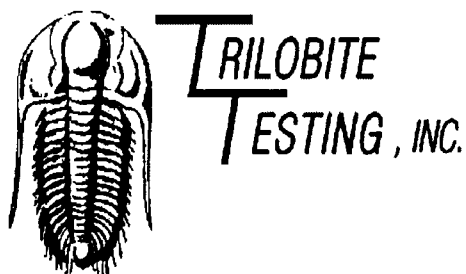
Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal KS

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum, Inc.**

1321 W.93rd St.
N.Valley Center,KS 67147

ATTN: Brad Rine

9-34s-19w

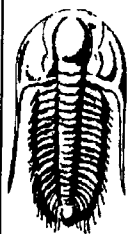
Ransom#9-1

Start Date: 2001.12.12 @ 15:24:11

End Date: 2001.12.12 @ 21:57:26

Job Ticket #: 15306 DST #: 5

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

Ransom#9-1

9-34s-19w

Job Ticket: 15306

DST#: 5

Test Start: 2001.12.12 @ 15:24:11

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:36:56

Time Test Ended: 21:57:26

Test Type: Conventional Bottom Hole

Tester: Darren L. Amérine

Unit No: 19

Interval: **6161.00 ft (KB) To 6196.00 ft (KB) (TVD)**

Total Depth: 6196.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1860.00 ft (KB)

1849.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3302

Inside

Press@RunDepth: 21.83 psig @ 6162.00 ft (KB)

Start Date: 2001.12.12

End Date:

2001.12.12

Start Time: 15:24:13

End Time:

21:57:26

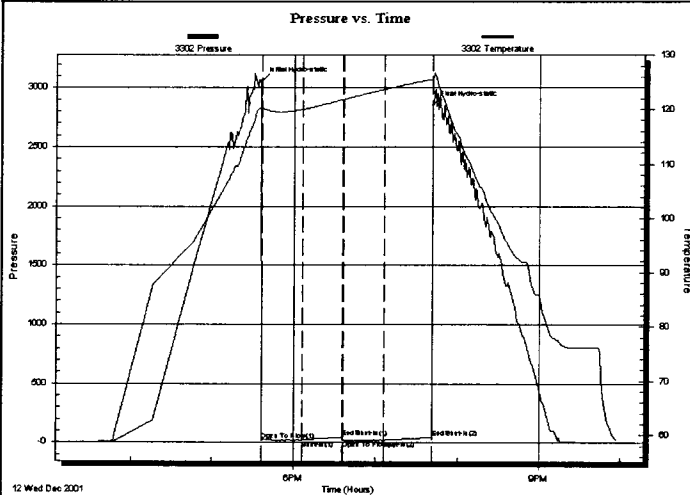
Capacity: 7000.00 psig

Last Calib.: 2001.12.12

Time On Btm: 2001.12.12 @ 17:36:26

Time Off Btm: 2001.12.12 @ 19:41:56

TEST COMMENT: IF: Weak surface blow built to 1/4" in H2O bucket.
IS: No blow back.
FF: Weak surface blow built to 1/4" in H2O bucket.
FS: No blow back.



PRESSURE SUMMARY

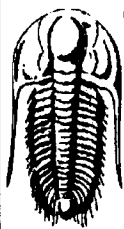
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3055.04	120.34	Initial Hydro-static
1	20.61	120.23	Open To Flow (1)
30	22.25	119.98	Shut-In(1)
59	46.27	121.78	End Shut-In(1)
60	17.73	121.83	Open To Flow (2)
90	21.83	123.73	Shut-In(2)
126	43.80	125.61	End Shut-In(2)
126	2853.85	126.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100 - Mud	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

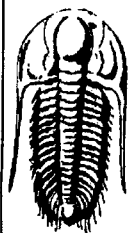
Ransom#9-1
9-34s-19w
Job Ticket: 15306 **DST#: 5**
Test Start: 2001.12.12 @ 15:24:11

Tool Information

Drill Pipe:	Length: 5955.00 ft	Diameter: 3.80 inches	Volume: 83.53 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 84.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	6161.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			6134.00	
S.I. Tool	5.00			6139.00	
HMV	5.00			6144.00	
Jars	5.00			6149.00	
Safety Joint	2.00			6151.00	
Packer	5.00			6156.00	28.00 Bottom Of Top Packer
Packer	5.00			6161.00	
Stubb	1.00			6162.00	
Recorder	0.00	3302	Inside	6162.00	
Anchor	31.00			6193.00	
Recorder	0.00	10991	Outside	6193.00	
Bullnose	3.00			6196.00	35.00 Bottom Packers & Anchor

Total Tool Length: 63.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15306

DST#: 5

ATTN: Brad Rine

Test Start: 2001.12.12 @ 15:24:11

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: 66.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100 - Mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

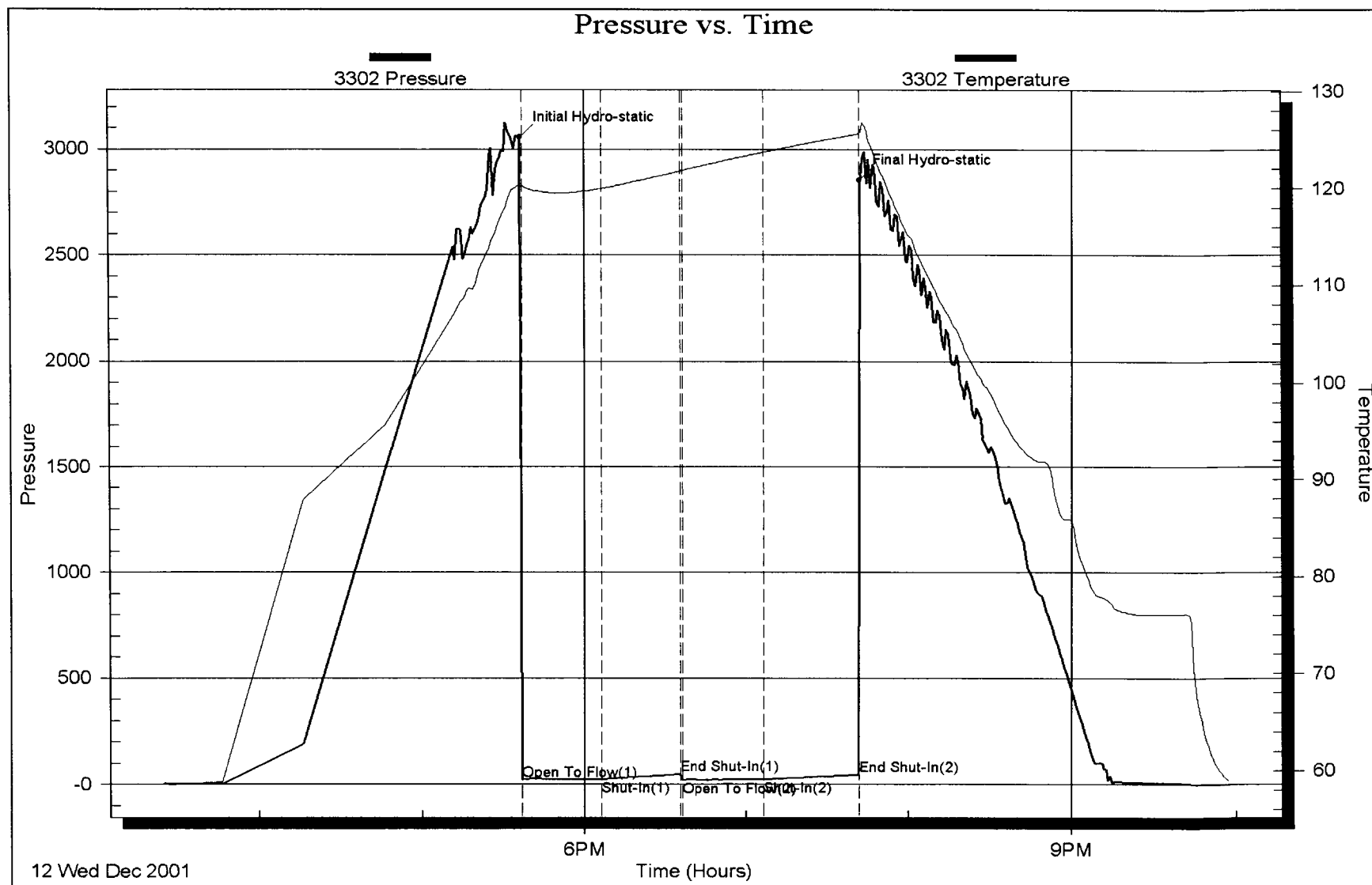
Num Gas Bombs: 0

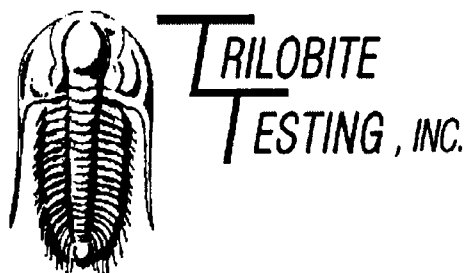
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum, Inc.**

1321 W.93rd St.
N.Valley Center,KS 67147

ATTN: Brad Rine

9-34s-19w

Ransom#9-1

Start Date: 2001.12.15 @ 03:39:49

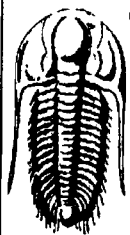
End Date: 2001.12.15 @ 14:01:04

Job Ticket #: 15308 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

Ransom#9-1

9-34s-19w

Job Ticket: 15308

DST#: 6

Test Start: 2001.12.15 @ 03:39:49

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 06:05:04

Time Test Ended: 14:01:04

Test Type: **Conventional Bottom Hole**

Tester: **Darren L.Amerine**

Unit No: **19**

Interval: **6496.00 ft (KB) To 6540.00 ft (KB) (TVD)**

Total Depth: **6540.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1860.00 ft (KB)**

1849.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 3302

Inside

Press@RunDepth: **155.80 psig @ 6507.00 ft (KB)**

Start Date: **2001.12.15**

End Date:

2001.12.15

Start Time: **03:39:51**

End Time:

14:01:04

Capacity: **7000.00 psig**

Last Calib.: **2001.12.15**

Time On Btm: **2001.12.15 @ 06:04:19**

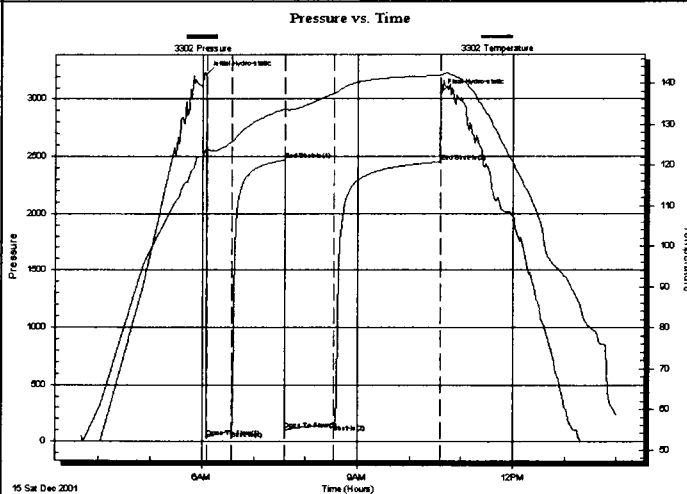
Time Off Btm: **2001.12.15 @ 10:35:49**

TEST COMMENT: **IF:Weak surface blow built to 5" in H2O bucket.**

IS:Bled down n for 5 mins.no blow back.

FF:Weak surface blow built to 2" in H2O bucket.

FS:Bled down n for 20 mins.no blow back.



PRESSURE SUMMARY

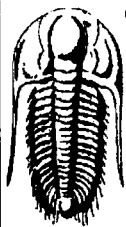
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3214.08	124.05	Initial Hydro-static
1	32.13	123.93	Open To Flow (1)
30	93.89	125.79	Shut-In (1)
92	2467.38	133.76	End Shut-In (1)
92	101.90	133.78	Open To Flow (2)
149	155.80	137.62	Shut-In (2)
271	2452.64	141.92	End Shut-In (2)
272	3052.03	142.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	353 - Mud cut Salt Water	0.94
90.00	104 - Water cut Mud	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center, KS 67147

9-34s-19w

Job Ticket: 15308

DST#: 6

ATTN: Brad Rine

Test Start: 2001.12.15 @ 03:39:49

Tool Information

Drill Pipe:	Length: 6301.00 ft	Diameter: 3.80 inches	Volume: 88.39 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	89.29 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	6496.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

C.O. Sub	1.00			6469.00	
S.I. Tool	5.00			6474.00	
HMV	5.00			6479.00	
Jars	5.00			6484.00	
Safety Joint	2.00			6486.00	
Packer	5.00			6491.00	28.00 Bottom Of Top Packer
Packer	5.00			6496.00	
Stubb	1.00			6497.00	
Anchor	10.00			6507.00	
Recorder	0.00	3302	Inside	6507.00	
Blank Spacing	30.00			6537.00	
Recorder	0.00	10991	Outside	6537.00	
Bullnose	3.00			6540.00	44.00 Bottom Packers & Anchor

Total Tool Length: 72.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

Ransom#9-1

1321 W.93rd St.
N.Valley Center,KS 67147

9-34s-19w

Job Ticket: 15308

DST#: 6

ATTN: Brad Rine

Test Start: 2001.12.15 @ 03:39:49

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: 55000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	353 - Mud cut Salt Water	0.937
90.00	104 - Water cut Mud	1.262

Total Length: 275.00 ft Total Volume: 2.199 bbl

Num Fluid Samples: 0

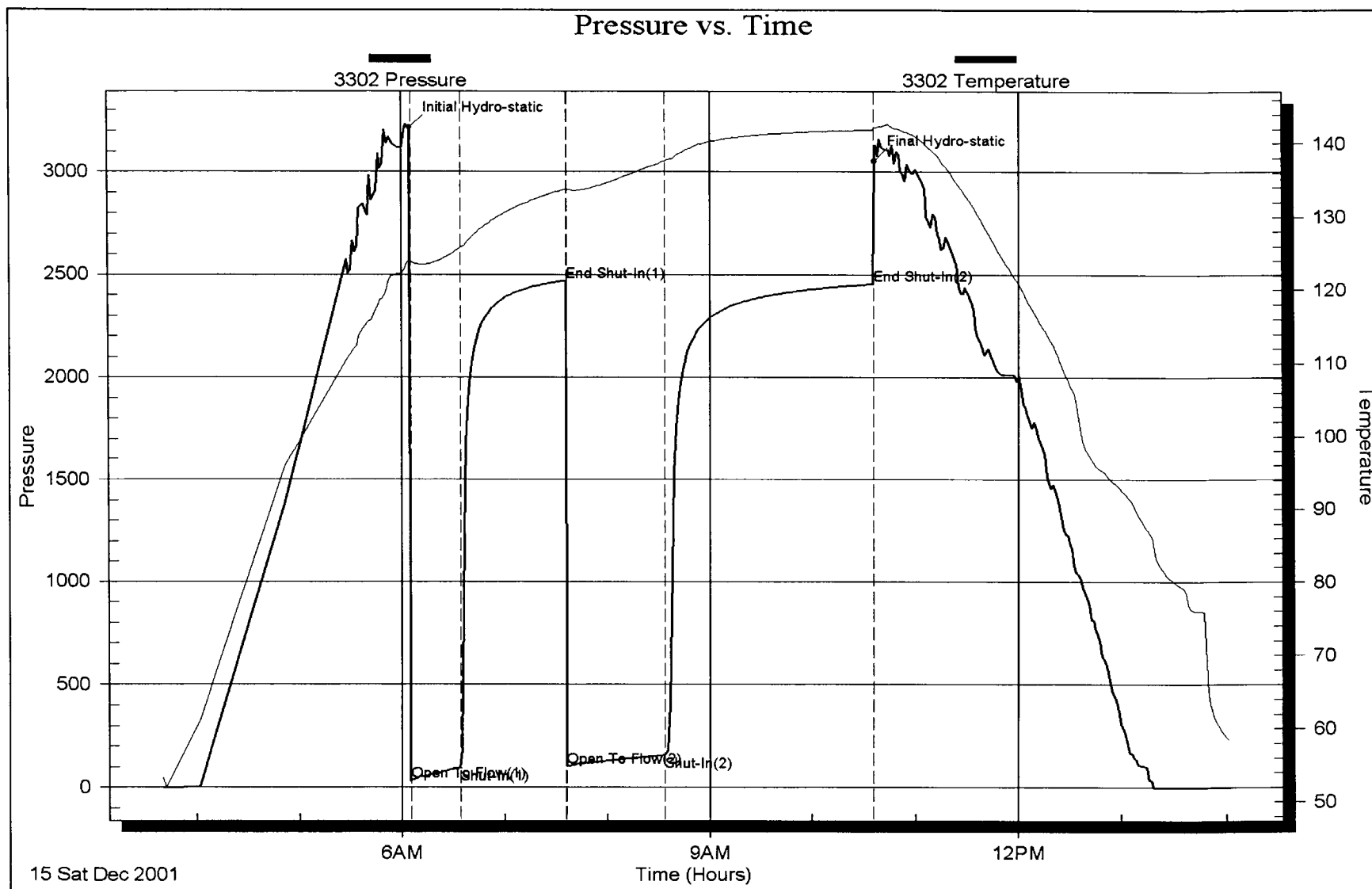
Num Gas Bombs: 0

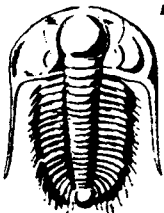
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .15@70degress 55000 chlorides





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15302

Test Ticket

Well Name & No. <u>Ransom #9-1</u>	Test No. <u>#1</u>	Date <u>12/05/01</u>
Company <u>Daystar Petroleum, Inc. 1321 W.</u>	Zone Tested <u>Swape</u>	
Address <u>93rd St. N Valley Center, KS. 67147</u>	Elevation <u>1860</u>	KB <u>1849</u> GL
Co. Rep / Geo. <u>Brad Rine</u>	Cont. <u>Duke #5</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>9</u>	Twp. <u>34S</u>	Rge. <u>19W</u> Co. <u>Comanche</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4854' - 4871'</u>	Initial Str Wt./Lbs. <u>6200</u>	Unseated Str Wt./Lbs. <u>6200</u>
Anchor Length <u>17'</u>	Wt. Set Lbs. <u>2000</u>	Wt. Pulled Loose/Lbs. <u>8500</u>
Top Packer Depth <u>4849'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4854</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>4871</u>	Wt. Pipe Run ☒	Drill Collar Run <u>182.0</u>
Mud Wt. <u>9.1</u> LCM <u>0</u> Vis. <u>77</u> WL <u>10.1</u>	Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run <u>4652.0</u>
Blow Description <u>IF: Weak blow built to 1 1/2 in H2O bucket.</u>		
<u>TST: Blood down for 10 mins No bleed back.</u>		
<u>FF: Dead Blow.</u>		
<u>FSD: No Blow back</u>		

Recovery — Total Feet <u>20'</u>	GIP <u>N/A</u>	Ft. in DC <u>20'</u>	Ft. in DP <u>N/A</u>
Rec. <u>20</u> Feet Of <u>Dulling Mud</u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
BHT <u>114°</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>	°API <u> </u>
RW <u> </u> @ <u> </u> °F	Chlorides <u> </u> ppm Recovery	Chlorides <u>4000</u> ppm System	

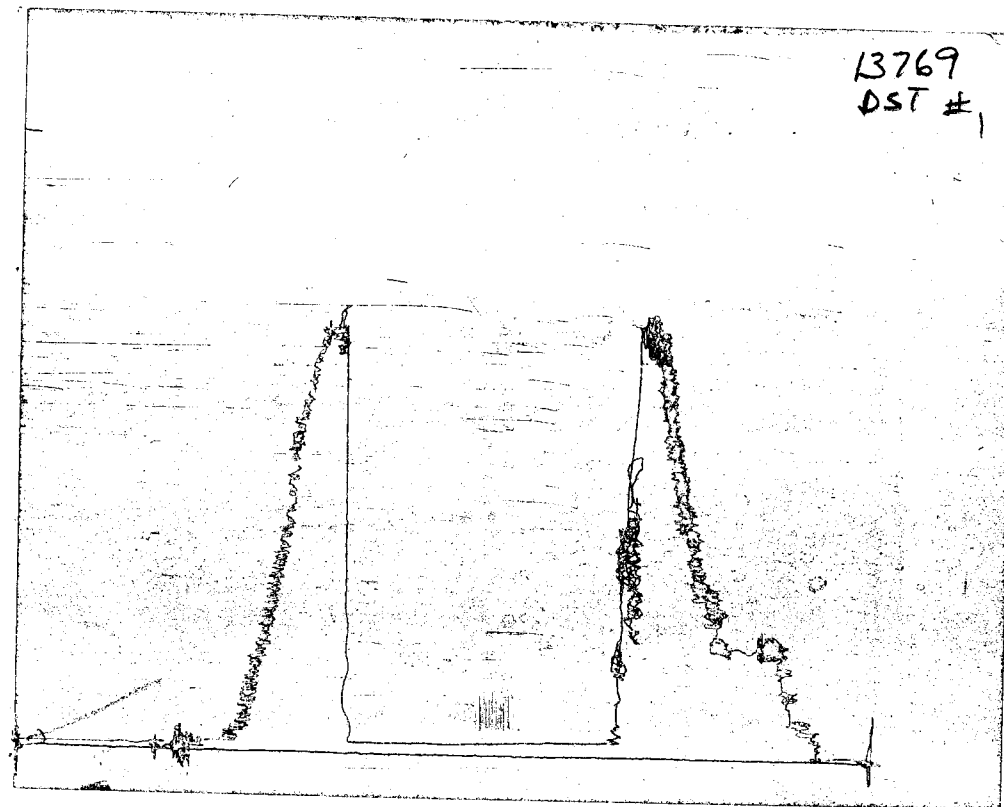
(A) Initial Hydrostatic Mud	AK-1 <u>2395</u>	Alpine PSI Recorder No. <u>3302</u>	T-On Location <u>12:15</u>
(B) First Initial Flow Pressure	<u>38</u>	PSI (depth) <u>4055'</u>	T-Started <u>1556</u>
(C) First Final Flow Pressure	<u>38</u>	PSI Recorder No. <u>13769</u>	T-Open <u>1747</u>
(D) Initial Shut-In Pressure	<u>43</u>	PSI (depth) <u>4868'</u>	T-Pulled <u>2117</u>
(E) Second Initial Flow Pressure	<u>36</u>	PSI Recorder No. <u> </u>	T-Out <u>2347</u>
(F) Second Final Flow Pressure	<u>38</u>	PSI (depth) <u> </u>	T-Off Location <u>0000</u>
(G) Final Shut-in Pressure	<u>51</u>	PSI Initial Opening <u>30</u>	Test <u>800</u>
(Q) Final Hydrostatic Mud	<u>2317</u>	PSI Initial Shut-in <u>30</u>	Jars <u>200</u>
		Final Flow <u>30</u>	Safety Joint <u>50</u>
		Final Shut-in <u>120</u>	Straddle <u> </u>
			Circ. Sub <u> </u>
			Sampler <u> </u>
			Extra Packer <u> </u>
			Elec. Rec. <u>150</u>
			Mileage <u>82</u>
			Other <u>2.5</u> <u>75</u>
			TOTAL PRICE \$ <u>1357</u>

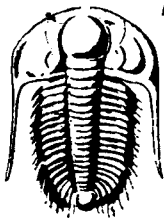
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Approved By Brad Rine
Our Representative Darren J. Rine

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15303

Test Ticket

Well Name & No. <u>Ransom #9-1</u>	Test No. <u>#2</u>	Date <u>12/07/01</u>
Company <u>Daystar Petroleum, Inc. 1321 W.</u>	Zone Tested <u>Marmaton</u>	
Address <u>93rd. St. N. Valley Center KS. 67147</u>	Elevation <u>1860</u>	KB <u>1849</u> GL
Co. Rep / Geo. <u>Brad Rine</u>	Cont. <u>Duke #5</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>9</u>	Twp. <u>34S</u>	Rge. <u>19W</u>
Co. <u>Comanche</u> State <u>KS</u>		
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>5025 - 5160</u>	Initial Str Wt./Lbs. <u>64,000</u>	Unseated Str Wt./Lbs. <u>64,000</u>
Anchor Length <u>135</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>25,000</u>
Top Packer Depth <u>5020</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>5025</u>	Hole Size — 7 7/8" <u>✓</u>	Rubber Size — 6 3/4" <u>✓</u>
Total Depth <u>5160</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>182.0</u>
Mud Wt. <u>9.0</u> LCM <u>4#</u> Vis. <u>47</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 X #</u>	Ft. Run <u>7966.0</u>
Blow Description <u>IF: Strong blow built to b.o. bin 76 sec.</u>		
<u>ISI: Bled down for 5 mins</u>		
<u>EF: Strong blow built to b.o. bin 60 sec</u>		
<u>FST: Bled down for 10 mins.</u>		

Recovery — Total Feet <u>450</u>	GIP <u> </u>	Ft. in DC <u>182'</u>	Ft. in DP <u> </u>
Rec. <u>120'</u> Feet Of <u>6 Hmcw</u>	<u>4</u> %gas	%oil <u>45</u> %water <u>57</u> %mud	
Rec. <u>330'</u> Feet Of <u>6 SMCW</u>	<u>8</u> %gas	%oil <u>70</u> %water <u>22</u> %mud	
Rec. <u>1200'</u> Feet Of <u>gas in pipe</u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
BHT <u>120°</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u>	°API
RW <u>.4</u> @ <u>60</u> °F	Chlorides <u>70,000</u> ppm Recovery	Chlorides <u>7000</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1 <u>2529</u>	Alpine	PSI Recorder No. <u>3302</u>	T-On Location <u>0200</u>
(B) First Initial Flow Pressure	<u>59</u>	PSI	(depth) <u>5022'</u>	T-Started <u>0600</u>
(C) First Final Flow Pressure	<u>124</u>	PSI	Recorder No. <u>10991</u>	T-Open <u>0753</u>
(D) Initial Shut-In Pressure	<u>1816</u>	PSI	(depth) <u>5158</u>	T-Pulled <u>1223</u>
(E) Second Initial Flow Pressure	<u>140</u>	PSI	Recorder No. <u> </u>	T-Out <u>1531</u>
(F) Second Final Flow Pressure	<u>229</u>	PSI	(depth) <u> </u>	T-Off Location <u>1631</u>
(G) Final Shut-in Pressure	<u>1881</u>	PSI	Initial Opening <u>30</u>	Test <u>✓ 900</u>
(Q) Final Hydrostatic Mud	<u>2443</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>✓ 200</u>
			Final Flow <u>60</u>	Safety Joint <u>✓ 50</u>
			Final Shut-in <u>120</u>	Straddle <u> </u>
				Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <u>✓ 150</u>
				Mileage <u>82</u>
				Other <u>3.5 105</u>
				TOTAL PRICE \$ <u>1487</u>

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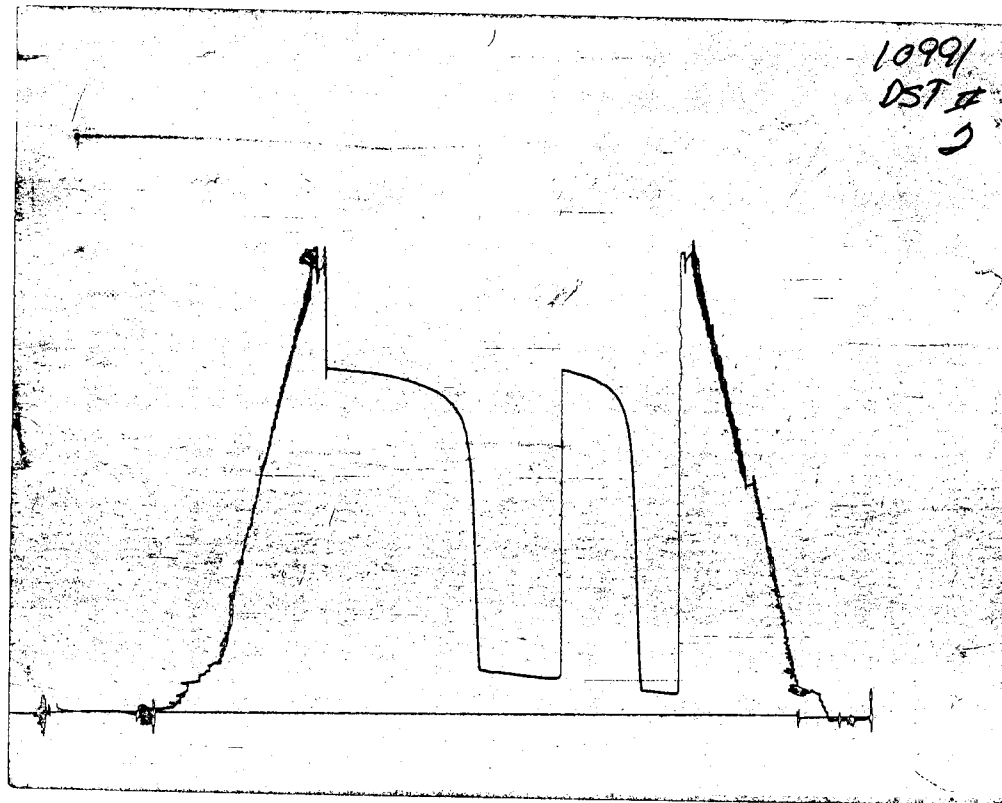
Approved By Brad Rine

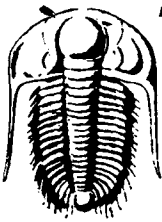
Our Representative Darren L. Amerine

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CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15304

Test Ticket

Well Name & No.	<u>Ransom #9-1</u>	Test No.	<u>#3</u>	Date	<u>12/08/01</u>
Company	<u>Daystar Petroleum Inc. 1321 W.</u>	Zone Tested	<u>Mississippian</u>		
Address	<u>93rd St. N. Valley Center, KS. 67147</u>	Elevation	<u>1860</u>	KB	<u>1849</u> GL
Co. Rep / Geo.	<u>Brad Rine</u>	Cont.	<u>Duke #5</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>9</u>	Twp.	<u>34S</u>	Rge.	<u>19W</u>
		Co.	<u>Comanche</u>	State	<u>KS</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u> </u>
		Evaluation (Y, N)	<u> </u>		

Interval Tested	<u>5237 - 5300'</u>	Initial Str Wt./Lbs.	<u>66000</u>	Unseated Str Wt./Lbs.	<u>66000</u>
Anchor Length	<u>63'</u>	Wt. Set Lbs.	<u>20000</u>	Wt. Pulled Loose/Lbs.	<u>75000</u>
Top Packer Depth	<u>5232'</u>	Tool Weight	<u>2100</u>		
Bottom Packer Depth	<u>5237'</u>	Hole Size — 7 7/8"	<u>✓</u>	Rubber Size — 6 3/4"	<u>✓</u>
Total Depth	<u>5300</u>	Wt. Pipe Run	<u>N/A</u>	Drill Collar Run	<u>182.0</u>
Mud Wt. <u>8.9</u> LCM <u>5#</u> Vis. <u>55</u> WL <u>10.6</u>		Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>5086</u>
Blow Description	<u>IF: Fair blow built to 6.0 b in 8 1/2 mins.</u>				
	<u>ISI: Bled down for 5 mins No blowback.</u>				
	<u>FF: Strong blow 6.0 b in 30 sec. 6TS in 21 mins Gauge Gas.</u>				
	<u>FST: Bled down for 20 mins No blow back.</u>				
Recovery — Total Feet	<u>30'</u>	GIP	<u>5207'</u>	Ft. in DC	<u>30'</u>
Rec. <u>30</u> Feet Of	<u>USGCM</u>	%gas	<u>4</u>	%oil	<u> </u>
Rec. <u>5207'</u> Feet Of	<u>Gas in pipe</u>	%gas	<u> </u>	%oil	<u> </u>
Rec. <u> </u> Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec. <u> </u> Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
Rec. <u> </u> Feet Of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>
BHT <u>121.0</u> °F Gravity <u> </u> °API D@ <u> </u> °F Corrected Gravity <u> </u> °API					
RW <u> </u> @ <u> </u> °F Chlorides <u> </u> ppm Recovery Chlorides <u>6500</u> ppm System					

(A) Initial Hydrostatic Mud	AK-1	Alpine	<u>2576</u>	PSI Recorder No.	<u>3302</u>	T-On Location	<u>0800</u>
(B) First Initial Flow Pressure			<u>22</u>	PSI (depth)	<u>5243'</u>	T-Started	<u>0853</u>
(C) First Final Flow Pressure			<u>28</u>	PSI Recorder No.	<u>10991</u>	T-Open	<u>1054</u>
(D) Initial Shut-In Pressure			<u>1756</u>	PSI (depth)	<u>5265'</u>	T-Pulled	<u>1524</u>
(E) Second Initial Flow Pressure			<u>29</u>	PSI Recorder No.	<u> </u>	T-Out	<u>1803</u>
(F) Second Final Flow Pressure			<u>19</u>	PSI (depth)	<u> </u>	T-Off Location	<u>1830</u>
(G) Final Shut-in Pressure			<u>1935</u>	PSI Initial Opening	<u>30</u>	Test	<u>✓ 900</u>
(Q) Final Hydrostatic Mud			<u>2487</u>	PSI Initial Shut-in	<u>60</u>	Jars	<u>✓ 200</u>
				Final Flow	<u>60</u>	Safety Joint	<u>✓ 50</u>
				Final Shut-in	<u>120</u>	Straddle	<u> </u>
						Circ. Sub	<u> </u>
						Sampler	<u> </u>
						Extra Packer	<u> </u>
						Elec. Rec.	<u>150</u>
						Mileage	<u>82</u>
						Other	<u> </u>
						TOTAL PRICE \$	<u>1382</u>

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Approved By Brad Rine
Our Representative Darren L. Rine

10/03



GAS VOLUME REPORT

Daystar Petroleum, Inc.
OPERATOR

Ransom #901

43

WELL NAME AND NO.

DST NO

(Mississippi) DST NC

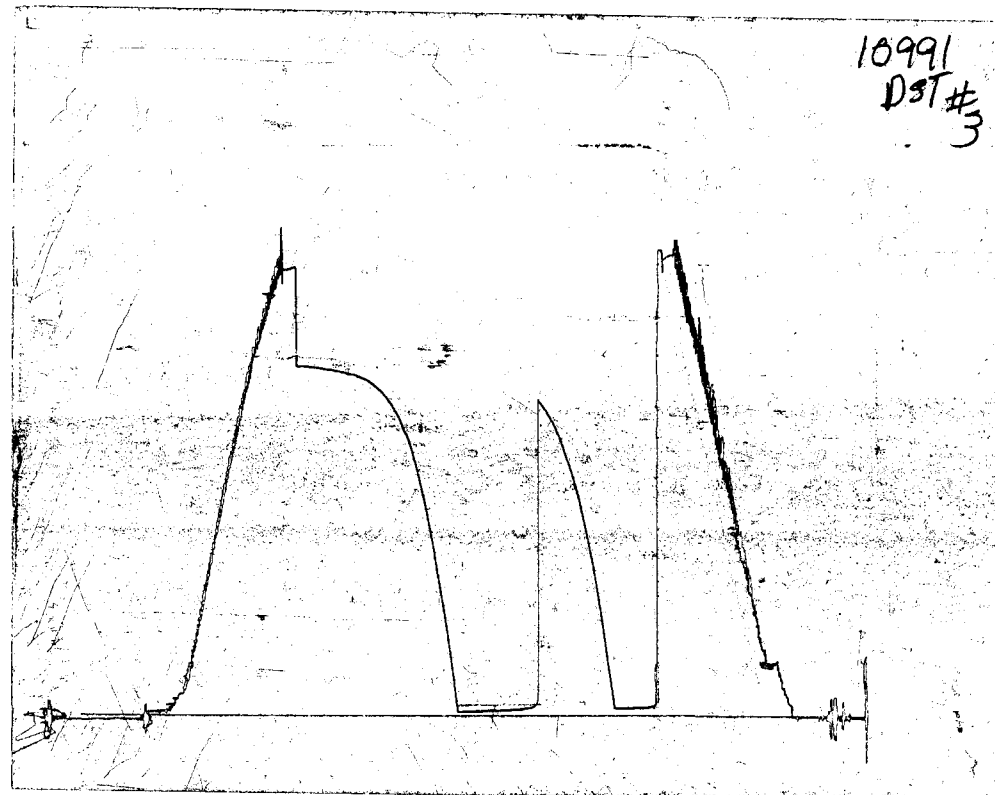
6TS 21 mins on Final Flow

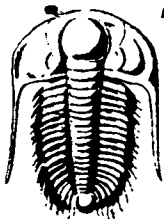
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Remarks:

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15305

Test Ticket

Well Name & No. <u>Ransom #9-1</u>	Test No. <u>#4</u>	Date <u>12/11/01</u>
Company <u>Daystar Petroleum, Inc. 1321 W.</u>	Zone Tested <u>Mio La</u>	
Address <u>93rd N. Valley Center, Kansas. 67147</u>	Elevation <u>1860</u>	KB <u>1849</u> GL
Co. Rep / Geo. _____	Cont. <u>Duke #5</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>9</u>	Twp. <u>34S</u>	Rge. <u>19W</u> Co. <u>Comanche</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>6136' - 6150'</u>	Initial Str Wt./Lbs. <u>72,000</u>	Unseated Str Wt./Lbs. <u>72,000</u>
Anchor Length <u>14'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>80,000</u>
Top Packer Depth <u>6131'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>6136'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>6150'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>182.0</u>
Mud Wt. <u>9.2</u> LCM <u>6#</u> Vis. <u>67</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2 x H</u>	Ft. Run <u>5954.0</u>

Blow Description IF: Weak blow built to 6" in #620 bucket.

ISI: Bled down for 5 mins. No blow back.

FF: Weak surface blow.

FSI: Bled down 2 mins. No blow back.

Recovery — Total Feet <u>20'</u>	GIP <u>120'</u>	Ft. in DC <u>20</u>	Ft. in DP <u>N/A</u>
Rec. <u>20'</u> Feet Of <u>56 CM</u>	<u>4</u> %gas	%oil	%water <u>96</u> %mud
Rec. <u>120'</u> Feet Of <u>GIP</u>	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud
Rec. _____ Feet Of _____	%gas	%oil	%water %mud

BHT 131 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5,000 ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>3078</u>	Alpine	PSI Recorder No. <u>3302</u>	T-On Location <u>1600</u>
(B) First Initial Flow Pressure	<u>18</u>	PSI	(depth) <u>6137'</u>	T-Started <u>1747</u>
(C) First Final Flow Pressure	<u>23</u>	PSI	Recorder No. <u>10991</u>	T-Open <u>1940</u>
(D) Initial Shut-In Pressure	<u>99</u>	PSI	(depth) <u>6147'</u>	T-Pulled <u>2340</u>
(E) Second Initial Flow Pressure	<u>18</u>	PSI	Recorder No. _____	T-Out <u>0250</u>
(F) Second Final Flow Pressure	<u>28</u>	PSI	(depth) _____	T-Off Location <u>0300</u>
(G) Final Shut-in Pressure	<u>135</u>	PSI	Initial Opening <u>30</u>	Test <u>✓ 1000</u>
(Q) Final Hydrostatic Mud	<u>3041</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>✓ 200</u>

Final Flow 30 Safety Joint ✓ 50

Final Shut-in 120 Straddle _____

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Approved By Brad Ripe

Our Representative Darren D. Carneiro

Elec. Rec. ✓ 150

Mileage 82

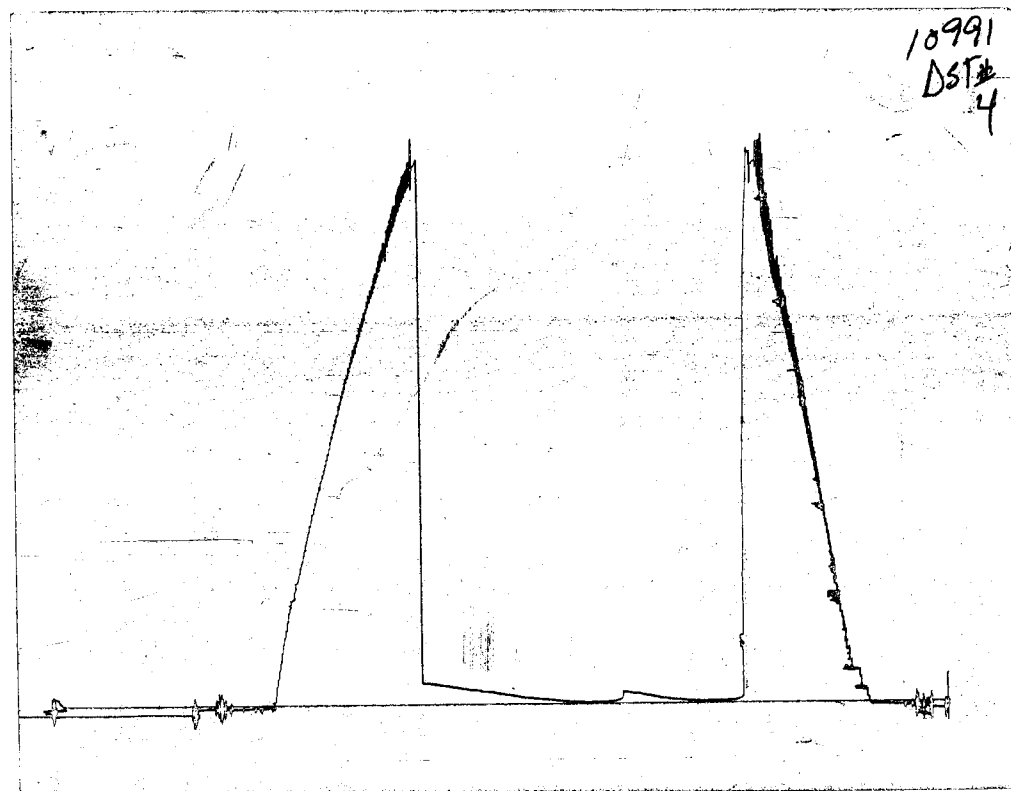
Other _____

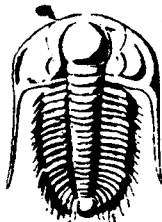
TOTAL PRICE \$ 1482

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CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15306

Test Ticket

Well Name & No. <u>Ransom #9-1</u>	Test No. <u>#5</u>	Date <u>12/12/01</u>
Company <u>Daystar Petroleum, Inc. 1521 W.</u>	Zone Tested <u>Viola</u>	
Address <u>93rd N. Valley Center, Kansas, 67147</u>	Elevation <u>1860</u>	KB <u>1849</u> GL
Co. Rep / Geo. <u>Brad Rine</u>	Cont. <u>Duke #5</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>9</u> Twp. <u>34S</u> Rge. <u>19W</u>	Co. <u>Comanche</u>	State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>—</u>	Turnkey (Y, N) <u>—</u> Evaluation (Y, N) <u>—</u>

Interval Tested <u>6161' - 6196'</u>	Initial Str Wt./Lbs. <u>71,000</u>	Unseated Str Wt./Lbs. <u>21,000</u>
Anchor Length <u>35'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>80,000</u>
Top Packer Depth <u>6156'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>6161'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>6196'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>182'</u>
Mud Wt. <u>9.1</u> LCM <u>8#</u> Vis. <u>66</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>5955.0</u>

Blow Description IF! Weak surface blow built to 1/4" in N2O bucket.

ISI: No blow back.

FF! Weak surface blow built to 1/4" in N2O bucket.

FBI: No blow back.

Recovery — Total Feet <u>20'</u>	GIP _____	Ft. in DC <u>20'</u>	Ft. in DP _____
Rec. <u>20</u> Feet Of <u>Drilling Mud</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT 126 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 5000 ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>3062</u>	Alpine	PSI Recorder No. <u>3302</u>	T-On Location <u>1330</u>
(B) First Initial Flow Pressure	<u>21</u>	PSI (depth) <u>6162'</u>	T-Started <u>15221</u>	
(C) First Final Flow Pressure	<u>22</u>	PSI Recorder No. <u>10991</u>	T-Open <u>1722</u>	
(D) Initial Shut-In Pressure	<u>46</u>	PSI (depth) <u>6193'</u>	T-Pulled <u>1912</u>	
(E) Second Initial Flow Pressure	<u>18</u>	PSI Recorder No. _____	T-Out <u>2157</u>	
(F) Second Final Flow Pressure	<u>22</u>	PSI (depth) _____	T-Off Location _____	
(G) Final Shut-in Pressure	<u>44</u>	PSI Initial Opening <u>30</u>	Test ☒ 1000	
(Q) Final Hydrostatic Mud	<u>3049</u>	PSI Initial Shut-in <u>30</u>	Jars ☒ 200	
		Final Flow <u>30</u>	Safety Joint ☒ 50	
		Final Shut-in <u>30</u>	Straddle _____	
			Circ. Sub _____	
			Sampler _____	
			Extra Packer _____	
			Elec. Rec. ☒ 150	
			Mileage <u>82</u>	
			Other _____	
			TOTAL PRICE \$ <u>1422</u>	

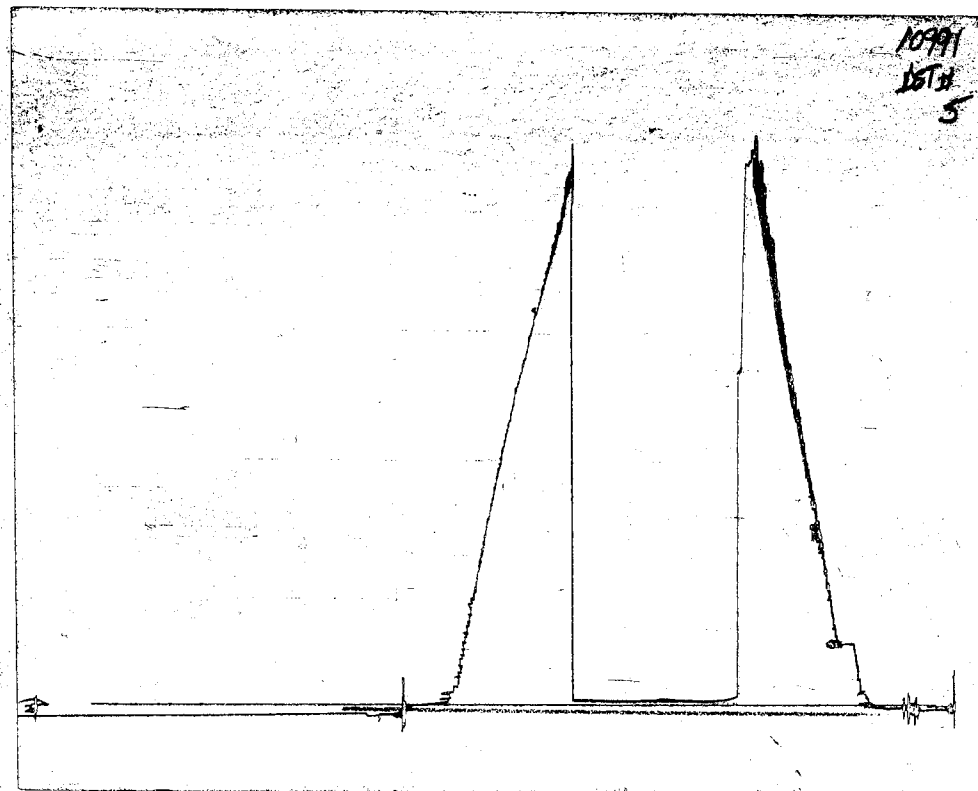
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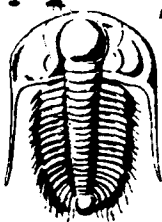
Approved By Brad Rine

Our Representative Darren J. Premeire

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15308

Test Ticket

Well Name & No. <u>Ransom #9-1</u>	Test No. <u>#6</u>	Date <u>12/15/01</u>
Company <u>Daystar Petroleum Inc. 1321 W.</u>	Zone Tested <u>Arbuckle</u>	
Address <u>93rd N. Valley Center, Ks. 67202</u>	Elevation <u>1860</u> KB <u>1848</u>	
Co. Rep / Geo. <u>Brad Rine</u>	Cont. <u>Duke #5</u>	Est. Ft. of Pay <u> </u> Por. <u> </u> %
Location: Sec. <u>9</u> Twp. <u>34S</u>	Rge. <u>19W</u>	Co. <u>Comanche</u> State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u> </u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>6496 - 6540</u>	Initial Str Wt./Lbs. <u>74,000</u>	Unseated Str Wt./Lbs. <u>74,000</u>
Anchor Length <u>44</u>	Wt. Set Lbs. <u>2000</u>	Wt. Pulled Loose/Lbs. <u>90,000</u>
Top Packer Depth <u>6491'</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>6496'</u>	Hole Size — 7 7/8" ☒	Rubber Size — 6 3/4" ☒
Total Depth <u>6540'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>182'</u>
Mud Wt. <u>9.1</u> LCM <u>10#</u> Vis. <u>57</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 x H</u>	Ft. Run <u>6331'</u>
Blow Description <u>IF: Weak surface blow built to 5" in 120 bucket.</u>		
<u>ISI: Bled down for 5 mins. no blow back.</u>		
<u>FF: Weak surface blow built to 2" in 120 bucket</u>		
<u>FSI: Bled down 10 mins no blow back.</u>		
Recovery — Total Feet <u>275'</u>	GIP <u> </u>	Ft. in DC <u>182</u> Ft. in DP <u>93'</u>
Rec. <u>90</u> Feet Of <u>SWCM</u>	%gas <u> </u> %oil <u> </u>	%water <u>20</u> %mud <u>80</u>
Rec. <u>185'</u> Feet Of <u>SMCSW</u>	%gas <u> </u> %oil <u> </u>	%water <u>90</u> %mud <u>15</u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u> %oil <u> </u>	%water <u> </u> %mud <u> </u>
BHT <u>142°</u> °F Gravity <u> </u>	°API D@ <u> </u>	°F Corrected Gravity <u> </u> °API <u> </u>
RW <u>.15</u> @ <u>70</u> °F	Chlorides <u>55,000</u> ppm Recovery <u> </u>	Chlorides <u>5,000</u> ppm System <u> </u>

AK-1	Alpine	
(A) Initial Hydrostatic Mud	<u>3233</u> PSI	Recorder No. <u>3302</u> T-On Location <u>0230</u>
(B) First Initial Flow Pressure	<u>32</u> PSI	(depth) <u>6507</u> T-Started <u>0340</u>
(C) First Final Flow Pressure	<u>94</u> PSI	Recorder No. <u>10991</u> T-Open <u>0538</u>
(D) Initial Shut-In Pressure	<u>2468</u> PSI	(depth) <u>6537</u> T-Pulled <u>1008</u>
(E) Second Initial Flow Pressure	<u>102</u> PSI	Recorder No. <u> </u> T-Out <u>1401</u>
(F) Second Final Flow Pressure	<u>156</u> PSI	(depth) <u> </u> T-Off Location <u>1500</u>
(G) Final Shut-in Pressure	<u>2453</u> PSI	Initial Opening <u>30</u> Test <u>✓ 1000</u>
(Q) Final Hydrostatic Mud	<u>3186</u> PSI	Initial Shut-in <u>60</u> Jars <u>✓ 200</u>
	Final Flow <u>60</u>	Safety Joint <u>✓ 50</u>
	Final Shut-in <u>120</u>	Straddle <u> </u>
		Circ. Sub <u> </u>
		Sampler <u> </u>
		Extra Packer <u> </u>
		Elec. Rec. <u>✓ 150</u>
		Mileage <u>82</u>
		Other <u> </u>
		TOTAL PRICE \$ <u>1482</u>

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Approved By

Brad Rine

Our Representative

Darren Smerino

CHART PAGE

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

