

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W 93rd
Valley Center, KS 67147

ATTN: Brad Rine

22-31s-31w

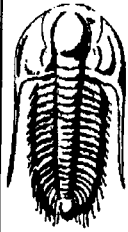
Lynn A 2-22

Start Date: 2004.11.15 @ 18:54:15

End Date: 2004.11.16 @ 07:43:15

Job Ticket #: 20537 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 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

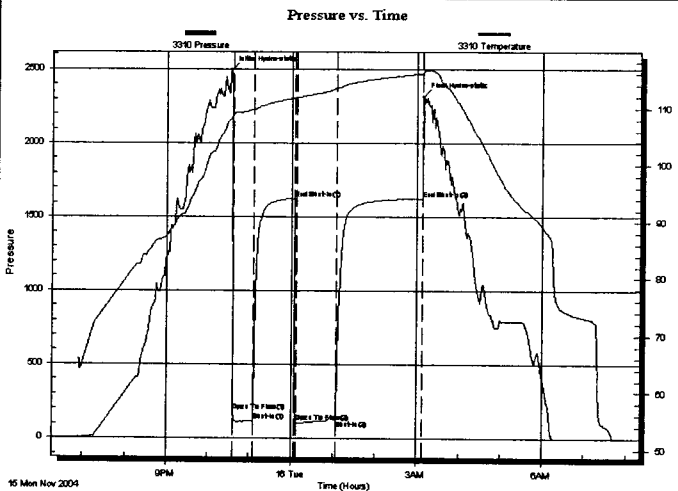
Lynn A 2-22
22-31s-31w
Job Ticket: 20537 **DST#: 1**
Test Start: 2004.11.15 @ 18:54:15

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 22:36:15
Time Test Ended: 07:43:15
Interval: **5035.00 ft (KB) To 5111.00 ft (KB) (TVD)**
Total Depth: **5111.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Kevin Webster**
Unit No: **20**
Reference Elevations: **2825.00 ft (KB)**
2820.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 3310 **Inside**
Press@RunDepth: **126.04 psig @ 5036.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.11.15** End Date: **2004.11.16** Last Calib.: **1899.12.30**
Start Time: **18:54:16** End Time: **07:43:15** Time On Btm: **2004.11.15 @ 22:33:15**
Time Off Btm: **2004.11.16 @ 03:08:30**

TEST COMMENT: F- bob 1min gts 8 min
IS- blow back built to 6"
FF- bob asao
FS- no blow back



PRESSURE SUMMARY

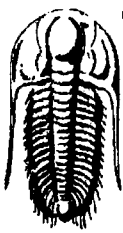
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2493.03 | 108.11 | Initial Hydro-static |
| 3 | 181.39 | 109.02 | Open To Flow (1) |
| 33 | 120.57 | 109.86 | Shut-In(1) |
| 91 | 1626.94 | 111.85 | End Shut-In(1) |
| 94 | 109.65 | 111.92 | Open To Flow (2) |
| 152 | 126.04 | 113.54 | Shut-In(2) |
| 275 | 1626.56 | 116.09 | End Shut-In(2) |
| 276 | 2316.31 | 116.37 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 233.00 | 100% mud | 1.15 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.50 | 12.00 | 178.09 |
| Last Gas Rate | 0.50 | 13.00 | 184.83 |
| Max. Gas Rate | 0.50 | 14.00 | 191.58 |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20537 **DST#: 1**
Test Start: 2004.11.15 @ 18:54:15

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4716.00 ft | Diameter: 3.80 inches | Volume: 66.15 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: 30000.00 lb |
| Drill Collar: | Length: 295.00 ft | Diameter: 2.25 inches | Volume: 1.45 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 67.60 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 3.00 ft | | | String Weight: Initial 70000.00 lb |
| Depth to Top Packer: | 5035.00 ft | | | Final 71000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 76.00 ft | | | |
| Tool Length: | 103.00 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 | | | 5009.00 | |
| Shut In Tool | 5.00 | | | 5014.00 | |
| Hydraulic tool | 5.00 | | | 5019.00 | |
| Jars | 5.00 | | | 5024.00 | |
| Safety Joint | 2.00 | | | 5026.00 | |
| Packer | 5.00 | | | 5031.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5035.00 | |
| Stubb | 1.00 | | | 5036.00 | |
| Recorder | 0.00 | 3310 | Inside | 5036.00 | |
| Drill Pipe | 62.00 | | | 5098.00 | |
| Perforations | 5.00 | | | 5103.00 | |
| Perforations | 5.00 | | | 5108.00 | |
| Bullnose | 3.00 | | | 5111.00 | |
| Recorder | 0.00 | 10993 | Inside | 5111.00 | 76.00 Bottom Packers & Anchor |

Total Tool Length: 103.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20537 **DST#: 1**
Test Start: 2004.11.15 @ 18:54:15

Mud and Cushion Information

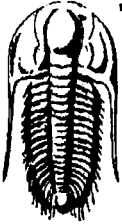
| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 50.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.19 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 233.00 | 100% mud | 1.146 |

Total Length: 233.00 ft Total Volume: 1.146 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: 624
 Laboratory Name: Caraw ay Laboratory Location: Liberal, KS
 Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum Inc.

Lynn A 2-22

1321 W93rd
Valley Center, KS 67147

22-31s-31w

Job Ticket: 20537

DST#: 1

ATTN: Brad Rine

Test Start: 2004.11.15 @ 18:54:15

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) |
|-------------|--------------|------------|-----------------|------------------------------|
| 1 | 10 | 0.50 | 12.00 | 178.09 |
| 1 | 20 | 0.50 | 13.00 | 184.83 |
| 1 | 30 | 0.50 | 14.00 | 191.58 |
| 2 | 10 | 0.50 | 13.00 | 184.83 |
| 2 | 20 | 0.50 | 13.00 | 184.83 |
| 2 | 30 | 0.50 | 13.00 | 184.83 |
| 2 | 40 | 0.50 | 13.00 | 184.83 |
| 2 | 50 | 0.50 | 13.00 | 184.83 |
| 2 | 60 | 0.50 | 13.00 | 184.83 |

Serial #: 3310

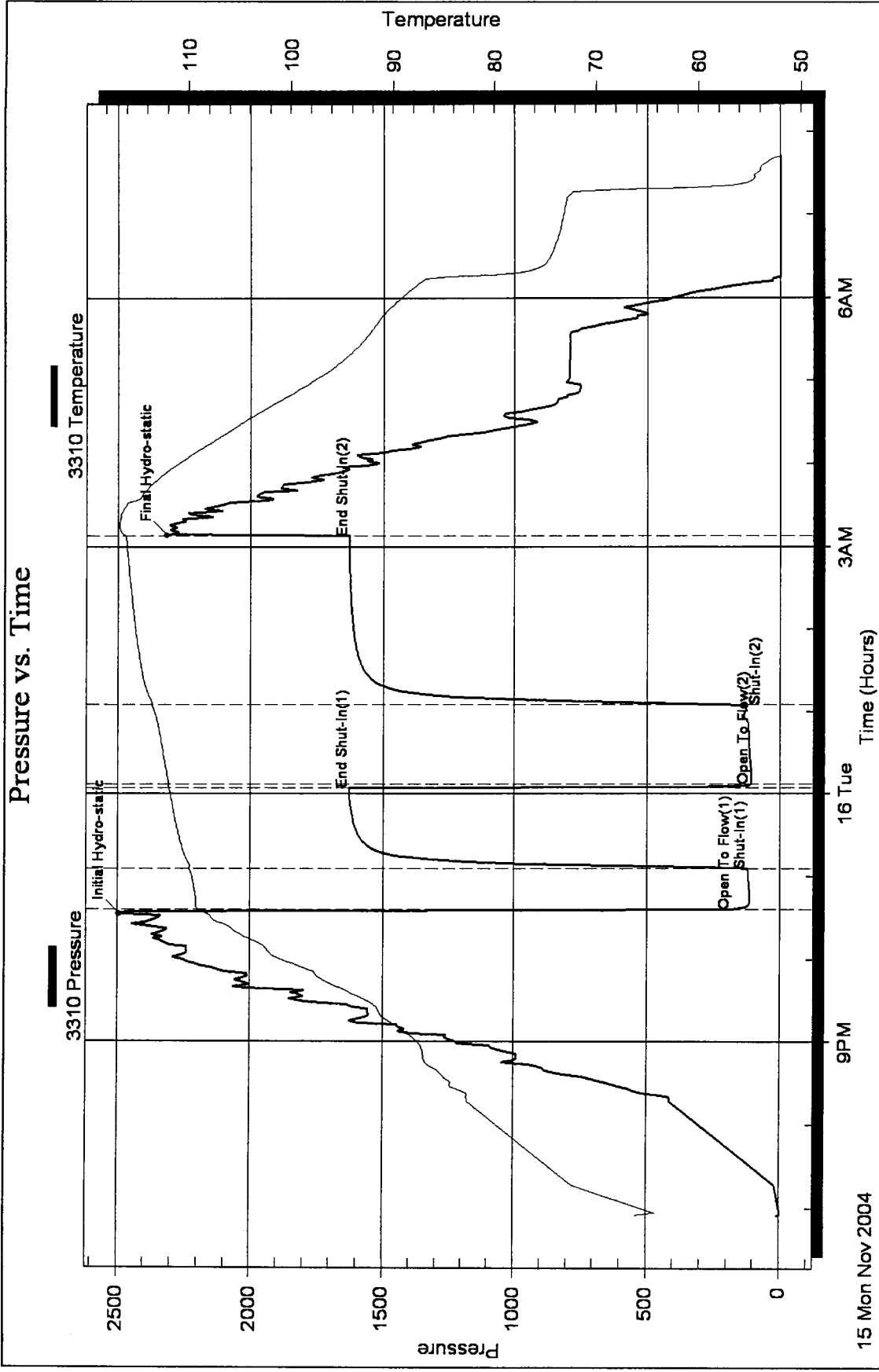
Inside

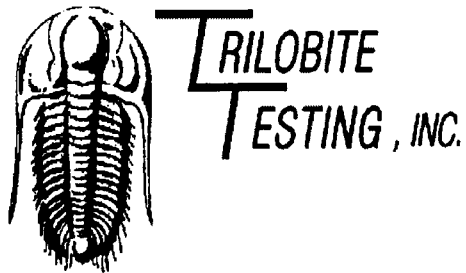
Daystar Petroleum Inc.

22-31s-31w

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W 93rd
Valley Center, KS 67147

ATTN: Brad Rine

22-31s-31w

Lynn A 2-22

Start Date: 2004.11.17 @ 13:52:18

End Date: 2004.11.18 @ 03:13:33

Job Ticket #: 20538 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Daystar Petroleum Inc.

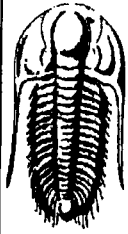
Lynn A 2-22

22-31s-31w

DST # 2

Cherokee

2004.11.17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

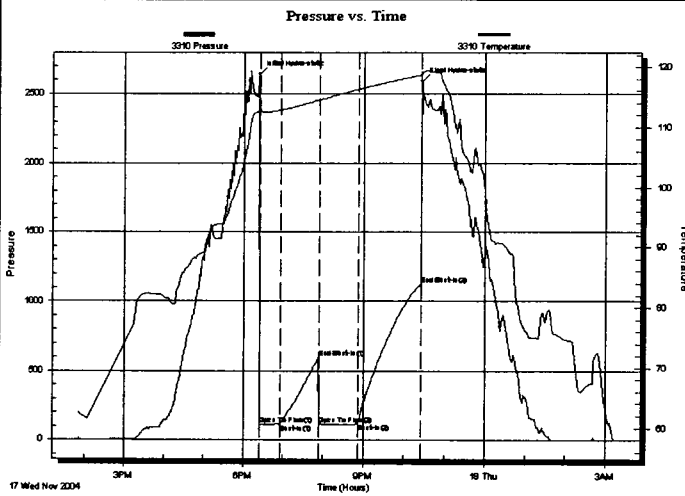
Lynn A 2-22
22-31s-31w
Job Ticket: 20538 **DST#: 2**
Test Start: 2004.11.17 @ 13:52:18

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 18:24:48
Time Test Ended: 03:13:33
Interval: **5230.00 ft (KB) To 5409.00 ft (KB) (TVD)**
Total Depth: **5409.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Kevin Webster**
Unit No: **20**
Reference Elevations: **2825.00 ft (KB)**
2820.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 3310 **Inside**
Press@RunDepth: **115.32 psig @ 5231.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.11.17** End Date: **2004.11.18** Last Calib.: **1899.12.30**
Start Time: **13:52:19** End Time: **03:13:33** Time On Btm: **2004.11.17 @ 18:23:33**
Time Off Btm: **2004.11.17 @ 22:25:48**

TEST COMMENT: F- bob 5 min
IS- no blow back
FF- bob asao
FSI- no blow back



PRESSURE SUMMARY

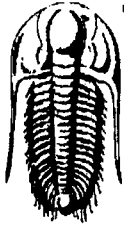
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2638.35 | 112.88 | Initial Hydro-static |
| 2 | 108.33 | 112.76 | Open To Flow (1) |
| 32 | 114.80 | 112.87 | Shut-In(1) |
| 90 | 594.39 | 114.53 | End Shut-In(1) |
| 91 | 109.43 | 114.64 | Open To Flow (2) |
| 148 | 115.32 | 116.29 | Shut-In(2) |
| 242 | 1122.17 | 118.70 | End Shut-In(2) |
| 243 | 2589.89 | 118.97 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 125.00 | 100% mud | 0.61 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20538 **DST#: 2**
Test Start: 2004.11.17 @ 13:52:18

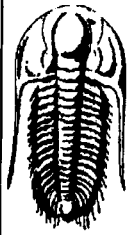
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4918.00 ft | Diameter: 3.80 inches | Volume: 68.99 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: 30000.00 lb |
| Drill Collar: | Length: 295.00 ft | Diameter: 2.25 inches | Volume: 1.45 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 70.44 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 77000.00 lb |
| Depth to Top Packer: | 5230.00 ft | | | Final 78000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 179.00 ft | | | |
| Tool Length: | 206.00 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 | | | 5204.00 | |
| Shut In Tool | 5.00 | | | 5209.00 | |
| Hydraulic tool | 5.00 | | | 5214.00 | |
| Jars | 5.00 | | | 5219.00 | |
| Safety Joint | 2.00 | | | 5221.00 | |
| Packer | 5.00 | | | 5226.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5230.00 | |
| Stubb | 1.00 | | | 5231.00 | |
| Recorder | 0.00 | 3310 | Inside | 5231.00 | |
| Perforations | 5.00 | | | 5236.00 | |
| Drill Pipe | 155.00 | | | 5391.00 | |
| Perforations | 15.00 | | | 5406.00 | |
| Bullnose | 3.00 | | | 5409.00 | |
| Recorder | 0.00 | 10993 | Inside | 5409.00 | 179.00 Bottom Packers & Anchor |

Total Tool Length: 206.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20538 **DST#: 2**
Test Start: 2004.11.17 @ 13:52:18

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: 54.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.59 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 1500.00 ppm | | | |
| Filter Cake: inches | | | |

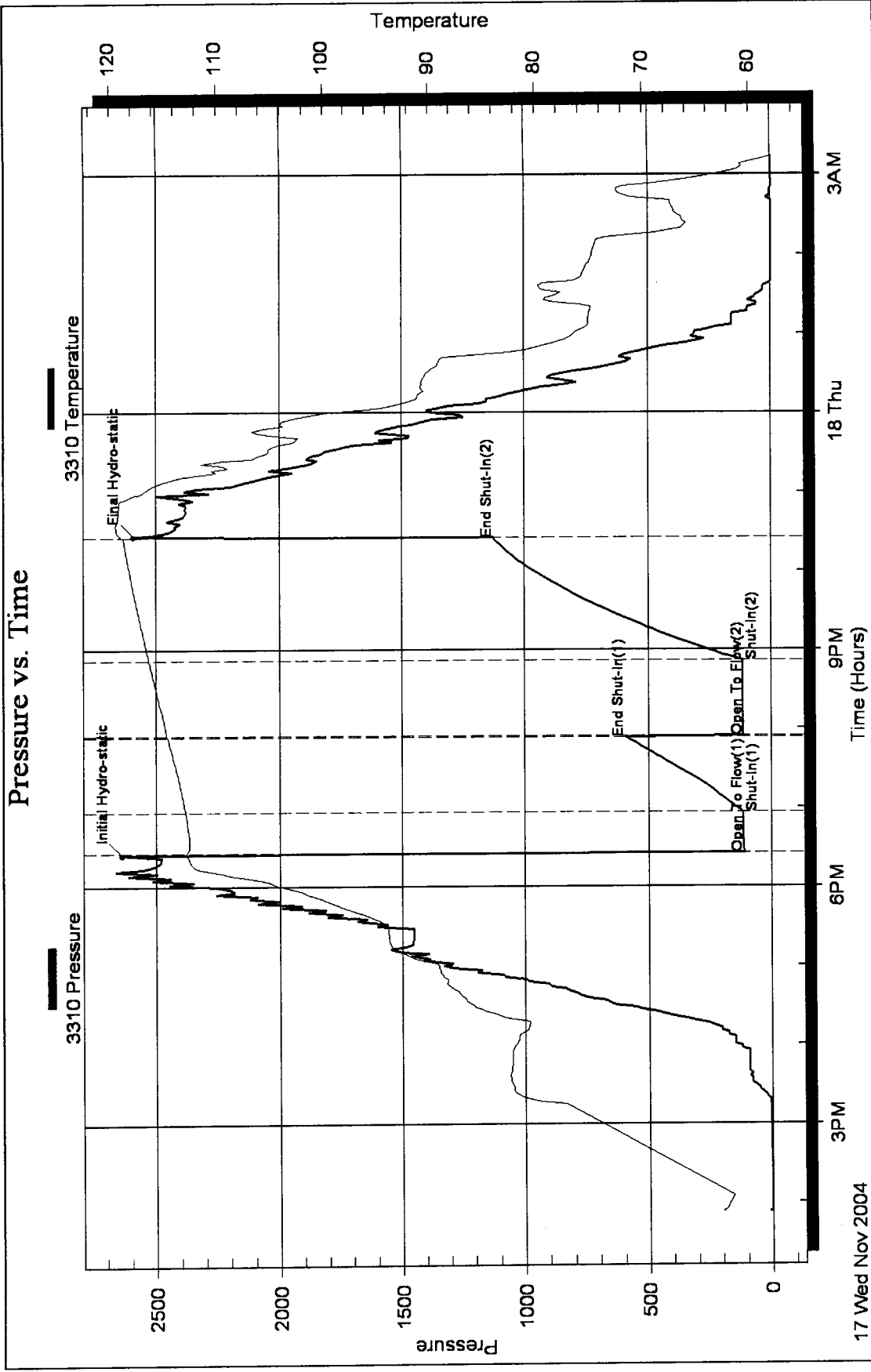
Recovery Information

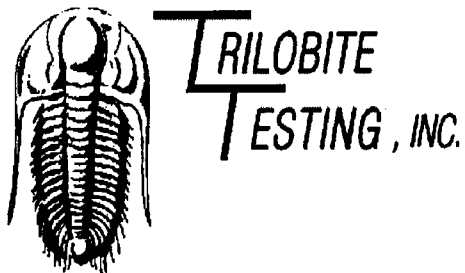
Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 125.00 | 100% mud | 0.615 |

Total Length: 125.00 ft Total Volume: 0.615 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W 93rd
Valley Center, KS 67147

ATTN: Brad Rine

22-31s-31w

Lynn A 2-22

Start Date: 2004.11.18 @ 20:04:11

End Date: 2004.11.19 @ 11:22:35

Job Ticket #: 20539 DST #: 3

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.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20539 **DST#: 3**
Test Start: 2004.11.18 @ 20:04:11

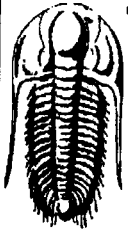
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5320.00 ft | Diameter: 3.80 inches | Volume: 74.63 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: 30000.00 lb |
| Drill Collar: | Length: 295.00 ft | Diameter: 2.25 inches | Volume: 1.45 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 76.08 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 28.00 ft | | | String Weight: Initial 75000.00 lb |
| Depth to Top Packer: | 5614.00 ft | | | Final 77000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 84.00 ft | | | |
| Tool Length: | 111.00 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 | | | 5588.00 | |
| Shut In Tool | 5.00 | | | 5593.00 | |
| Hydraulic tool | 5.00 | | | 5598.00 | |
| Jars | 5.00 | | | 5603.00 | |
| Safety Joint | 2.00 | | | 5605.00 | |
| Packer | 5.00 | | | 5610.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5614.00 | |
| Stubb | 1.00 | | | 5615.00 | |
| Recorder | 0.00 | 6752 | Inside | 5615.00 | |
| Perforations | 5.00 | | | 5620.00 | |
| Drill Pipe | 62.00 | | | 5682.00 | |
| Perforations | 13.00 | | | 5695.00 | |
| Bullnose | 3.00 | | | 5698.00 | |
| Recorder | 0.00 | 10993 | Inside | 5698.00 | 84.00 Bottom Packers & Anchor |

Total Tool Length: 111.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20539 **DST#: 3**
Test Start: 2004.11.18 @ 20:04:11

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: | 52.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 8.79 in ³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 2500.00 ppm | | | | |
| Filter Cake: | inches | | | | |

Recovery Information

Recovery Table

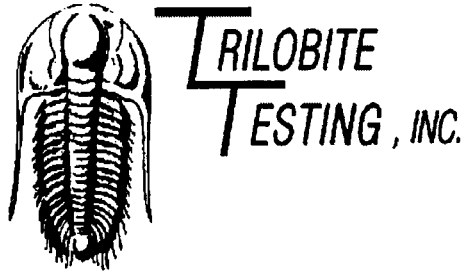
| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 265.00 | 100% mud | 1.303 |

Total Length: 265.00 ft Total Volume: 1.303 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: 211

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc.**

1321 W 93rd
Valley Center, KS 67147

ATTN: Brad Rine

22-31s-31w

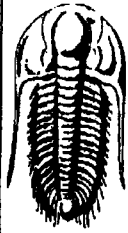
Lynn A 2-22

Start Date: 2004.11.21 @ 08:59:11

End Date: 2004.11.22 @ 00:00:13

Job Ticket #: 20540 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 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

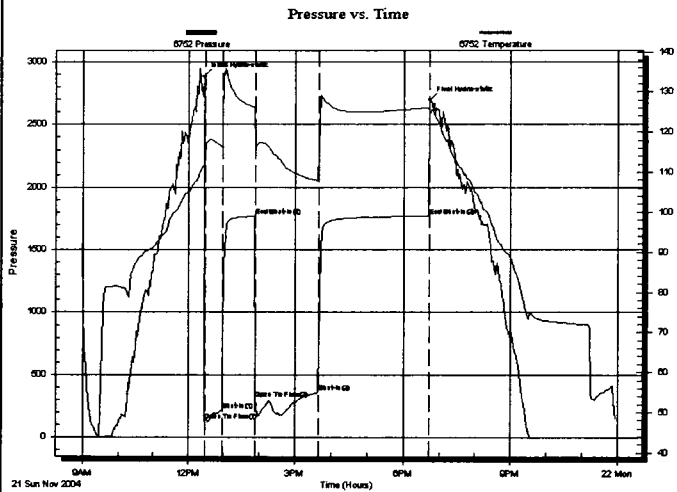
Lynn A 2-22
22-31s-31w
Job Ticket: 20540 **DST#: 4**
Test Start: 2004.11.21 @ 08:59:11

GENERAL INFORMATION:

Formation: **mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:27:17
Time Test Ended: 00:00:13
Interval: **5772.00 ft (KB) To 5838.00 ft (KB) (TVD)**
Total Depth: 5838.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Kevin Webster
Unit No: 20
Reference Elevations: 2825.00 ft (KB)
2820.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6752 Inside
Press@RunDepth: 360.80 psig @ 5773.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2004.11.21 End Date: 2004.11.22 Last Calib.: 1899.12.30
Start Time: 08:59:14 End Time: 00:00:14 Time On Btm: 2004.11.21 @ 12:26:14
Time Off Btm: 2004.11.21 @ 18:42:58

TEST COMMENT: F- bob 1 min gts 14min
IS- bob 50 min
FF- bob asao
FS- bob 12 min



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2884.92 | 111.97 | Initial Hydro-static |
| 2 | 133.43 | 111.95 | Open To Flow (1) |
| 32 | 219.42 | 116.25 | Shut-In(1) |
| 88 | 1767.49 | 126.09 | End Shut-In(1) |
| 88 | 306.68 | 116.03 | Open To Flow (2) |
| 193 | 360.80 | 107.87 | Shut-In(2) |
| 377 | 1768.48 | 126.06 | End Shut-In(2) |
| 377 | 2696.37 | 125.99 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 295.00 | 5% gas 95% mud | 1.45 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 90.00 | 39.08 |
| Last Gas Rate | 0.25 | 234.00 | 394.06 |
| Max. Gas Rate | 0.25 | 234.00 | 394.06 |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Lynn A 2-22
22-31s-31w
Job Ticket: 20540 **DST#: 4**
Test Start: 2004.11.21 @ 08:59:11

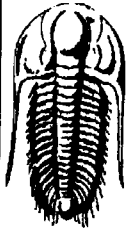
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 5455.00 ft | Diameter: 3.80 inches | Volume: 76.52 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: 30000.00 lb |
| Drill Collar: | Length: 295.00 ft | Diameter: 2.25 inches | Volume: 1.45 bbl | Weight to Pull Loose: 100000.0 lb |
| | | | <u>Total Volume: 77.97 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 5.00 ft | | | String Weight: Initial 77000.00 lb |
| Depth to Top Packer: | 5772.00 ft | | | Final 78000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 66.00 ft | | | |
| Tool Length: | 93.00 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 | | | 5746.00 | |
| Shut In Tool | 5.00 | | | 5751.00 | |
| Hydraulic tool | 5.00 | | | 5756.00 | |
| Jars | 5.00 | | | 5761.00 | |
| Safety Joint | 2.00 | | | 5763.00 | |
| Packer | 5.00 | | | 5768.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 5772.00 | |
| Stubb | 1.00 | | | 5773.00 | |
| Recorder | 0.00 | 6752 | Inside | 5773.00 | |
| Perforations | 5.00 | | | 5778.00 | |
| Drill Pipe | 31.00 | | | 5809.00 | |
| Perforations | 26.00 | | | 5835.00 | |
| Bullnose | 3.00 | | | 5838.00 | |
| Recorder | 0.00 | 10993 | Inside | 5838.00 | 66.00 Bottom Packers & Anchor |

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147
ATTN: Brad Rine

Lynn A 2-22
22-31s-31w
Job Ticket: 20540 **DST#: 4**
Test Start: 2004.11.21 @ 08:59:11

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: 54.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 10.49 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 2400.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

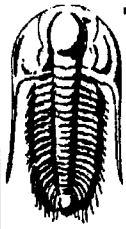
| Length ft | Description | Volume bbl |
|--------------|----------------|---------------|
| 295.00 | 5% gas 95% mud | 1.451 |

Total Length: 295.00 ft Total Volume: 1.451 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: 0000000000

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Daystar Petroleum Inc.
1321 W93rd
Valley Center, KS 67147

Lynn A 2-22

22-31s-31w

Job Ticket: 20540

DST#: 4

ATTN: Brad Rine

Test Start: 2004.11.21 @ 08:59:11

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) |
|-------------|--------------|------------|-----------------|------------------------------|
| 1 | 20 | 0.13 | 90.00 | 39.08 |
| 1 | 25 | 0.13 | 100.00 | 42.82 |
| 1 | 30 | 0.13 | 104.00 | 44.32 |
| 2 | 10 | 0.13 | 130.00 | 54.05 |
| 2 | 20 | 0.75 | 75.00 | 1396.42 |
| 2 | 30 | 0.75 | 50.00 | 1005.92 |
| 2 | 40 | 0.75 | 34.00 | 756.00 |
| 2 | 50 | 0.25 | 115.00 | 205.28 |
| 2 | 60 | 0.25 | 165.00 | 284.60 |
| 2 | 70 | 0.25 | 195.00 | 332.19 |
| 2 | 80 | 0.25 | 214.00 | 362.33 |
| 2 | 90 | 0.25 | 225.00 | 379.79 |
| 2 | 100 | 0.25 | 234.00 | 394.06 |

Serial #: 6752

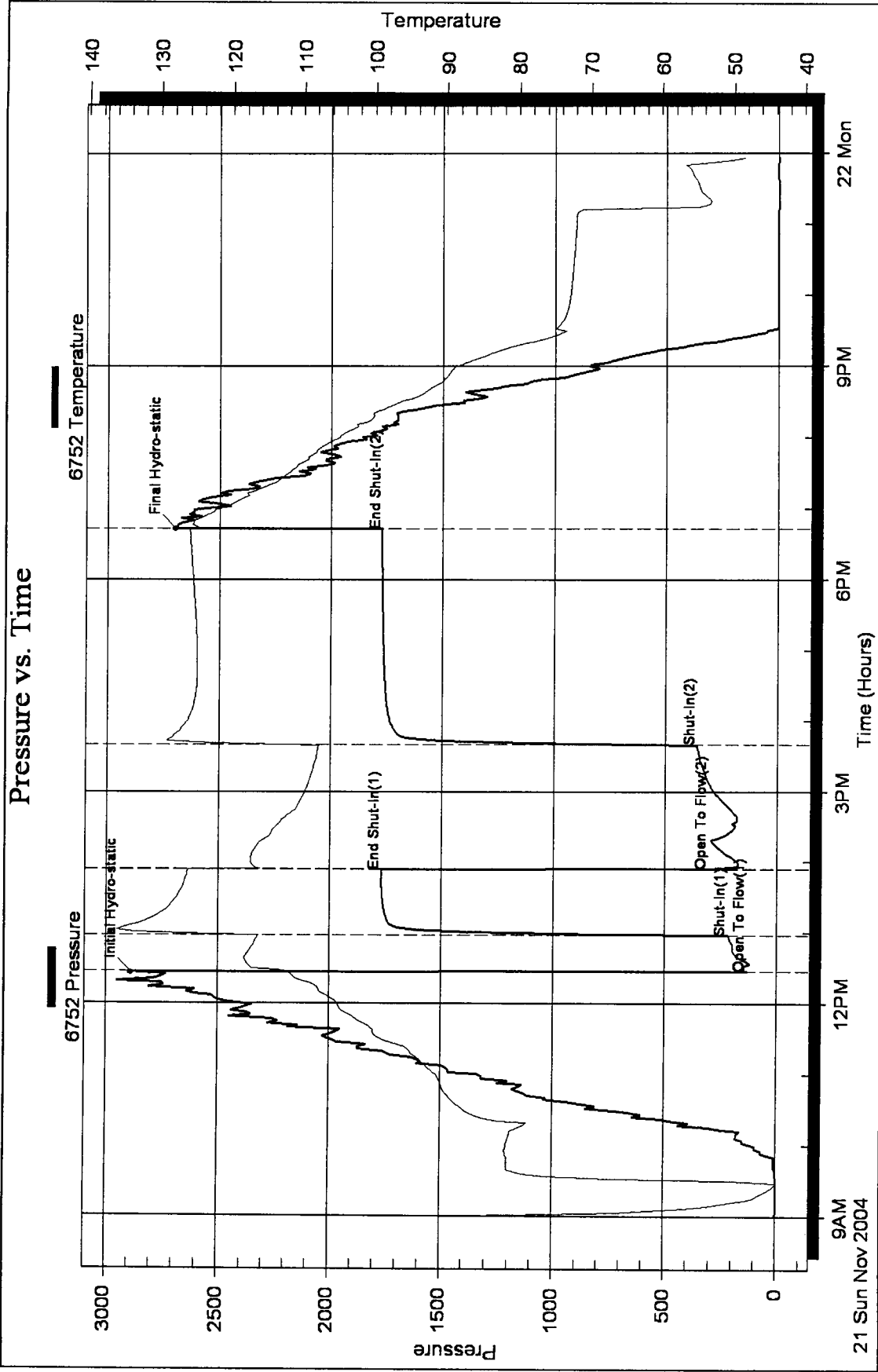
Inside

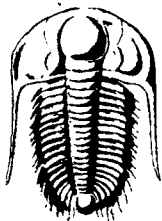
Daystar Petroleum Inc.

22-31s-31w

DST Test Number: 4

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 6987

No 20537

05/03

Test Ticket

Well Name & No. CYNN A 2-22 Test No. 1 Date 11/15/04
 Company Raystar PET. INC. Zone Tested PAWNEE
 Address 1321 W 93rd Valley Center, KS 67147 Elevation 2820 KB 25 GL
 Co. Rep / Geo. Brad Arine Cont. Val 1# Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 22 Twp. 31 S Rge. 31 W Co. Seward State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5035 - 5111 Initial Str Wt./Lbs. 20,000 Unseated Str Wt./Lbs. 70,000
 Anchor Length 76' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 5030 Tool Weight 1,800
 Bottom Packer Depth 5035 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5111 Wt. Pipe Run 0 Drill Collar Run 295
 Mud Wt. 9.0 LCM 3# Vis. 50 WL 7.2 Drill Pipe Size 4.5 Ft. Run 4-716

Blow Description FF - Bab 1 min @ 580 min
FSI - Blow back built to 6"
FF - 40 lb as a 0
FSI - No blow back

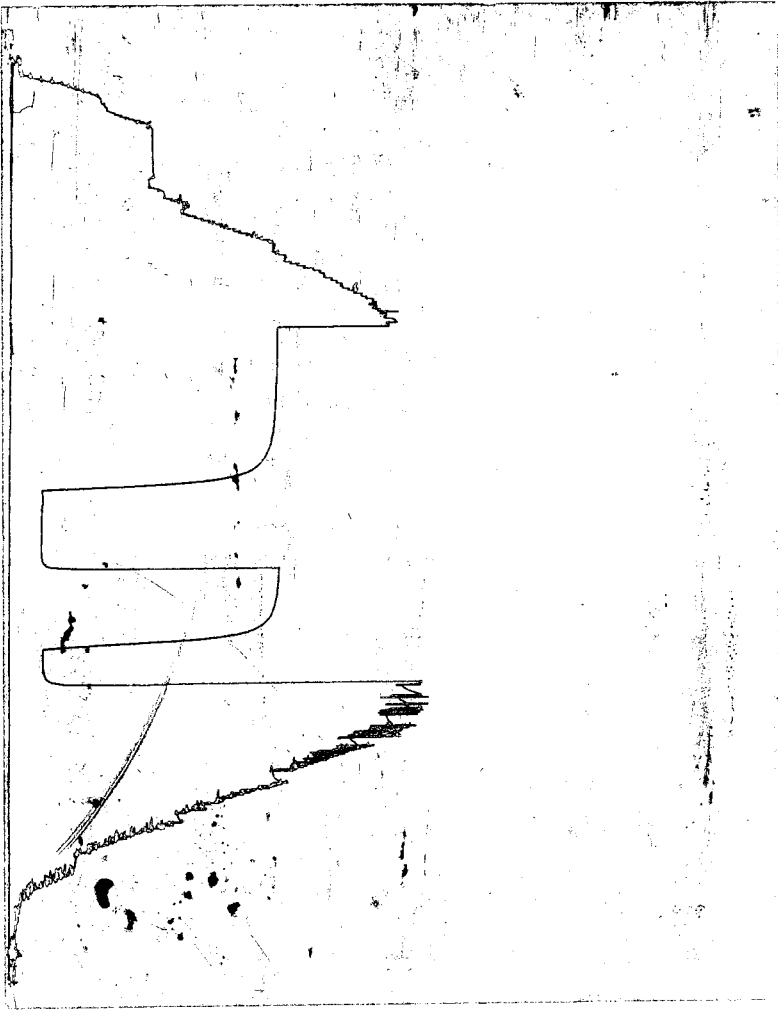
Recovery - Total Feet 233 GIP 6TS Ft. in DC 233 Ft. in DP 0
 Rec. 233 Feet of _____ %gas _____ %oil _____ %water 100% %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 116° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1600 ppm System

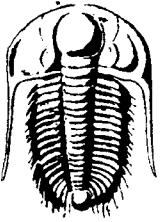
| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|----------------------------------|------------------------------------|
| (A) Initial Hydrostatic Mud | | <u>2497</u> PSI | <u>6751</u> | <u>1100</u> <u>1100</u> |
| (B) First Initial Flow Pressure | | <u>181</u> PSI | (depth) <u>5037</u> | _____ |
| (C) First Final Flow Pressure | | <u>120</u> PSI | Recorder No. <u>13362</u> | Jars <u>200</u> <u>200</u> |
| (D) Initial Shut-In Pressure | | <u>1626</u> PSI | (depth) <u>5111</u> | Safety Jt. <u>50</u> <u>50</u> |
| (E) Second Initial Flow Pressure | | <u>109</u> PSI | Recorder No. _____ | Circ Sub _____ |
| (F) Second Final Flow Pressure | | <u>126</u> PSI | (depth) _____ | Sampler _____ |
| (G) Final Shut-In Pressure | | <u>1626</u> PSI | Initial Opening <u>30</u> | Straddle _____ |
| (Q) Final Hydrostatic Mud | | <u>2316</u> PSI | Initial Shut-In <u>60</u> | Ext. Packer _____ |
| | | | Final Flow <u>60</u> | Shale Packer _____ |
| | | | Final Shut-In <u>90</u> | Mileage <u>102 RT</u> <u>102</u> |
| | | | T-On Location <u>1745</u> | Sub Total: <u>1452</u> <u>1452</u> |
| | | | T-Started <u>19:00</u> | Std. By <u>120</u> <u>120</u> |
| | | | T-Open <u>27:10</u> | Other _____ |
| | | | T-Pulled <u>22:30</u> | Total: <u>15720</u> <u>1572</u> |
| | | | T-Out <u>08:00</u> | |

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Approved By Brad Arine
 Our Representative 1/2

CHART PAGE
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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20538

05/03

Test Ticket

Well Name & No. Lynn A 2-22 Test No. 2 Date 11/17/04
 Company Daystar Pet. Inc Zone Tested Cherokee
 Address 1321 W 93 Valley Center Elevation 2820 ~~2825~~ GL
 Co. Rep / Geo. Brad Rine Cont. val 1 A Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 22 Twp. 31S Rge. 71W Co. Seward State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5230 - 5409 Initial Str Wt./Lbs. 71000 Unseated Str Wt./Lbs. 78200
 Anchor Length 179 Wt. Set Lbs. 32,000 Wt. Pulled Loose/Lbs. 59,000
 Top Packer Depth 5225 Tool Weight 1,800
 Bottom Packer Depth 5230 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5409 Wt. Pipe Run _____ Drill Collar Run 295
 Mud Wt. 8.4 LCM 4# Vis. 54 WL 7.6 Drill Pipe Size 4.5 Ft. Run 4918

Blow Description IF - Bob 5 min
IF - no blow back
IF - Bob 5 min
IF - ~~Bob 5 min~~ no blow back

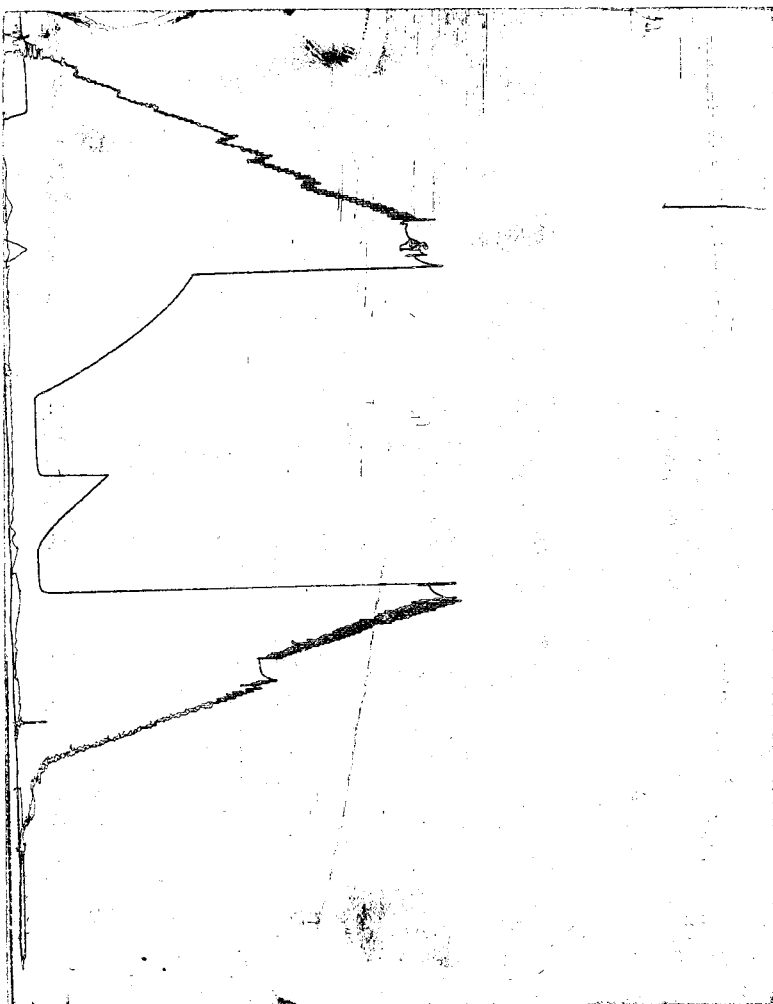
Recovery - Total Feet 125 GIP _____ Ft. in DC 125 Ft. in DP 0
 Rec. 125 Feet of _____ %gas _____ %oil _____ %water 100 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 118 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1500 ppm System

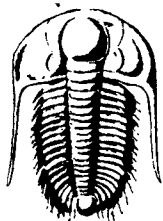
| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|---|------------------------------------|
| (A) Initial Hydrostatic Mud | | <u>2638</u> PSI | <u>6751</u> | <u>1100</u> <u>1100</u> |
| (B) First Initial Flow Pressure | | <u>108</u> PSI | (depth) <u>5232</u> | Elec. Rec. _____ |
| (C) First Final Flow Pressure | | <u>114</u> PSI | Recorder No. <u>13362</u> | Jars <u>200</u> <u>200</u> |
| (D) Initial Shut-In Pressure | | <u>594</u> PSI | (depth) <u>105000 5409</u> | Safety Jt. <u>50</u> <u>50</u> |
| (E) Second Initial Flow Pressure | | <u>109</u> PSI | Recorder No. _____ | Circ Sub _____ |
| (F) Second Final Flow Pressure | | <u>115</u> PSI | (depth) _____ | Sampler _____ |
| (G) Final Shut-In Pressure | | <u>1122</u> PSI | Initial Opening <u>30</u> | Straddle _____ |
| (Q) Final Hydrostatic Mud | | <u>2589</u> PSI | Initial Shut-In <u>60</u> | Ext. Packer _____ |
| | | | Final Flow <u>60</u> | Shale Packer _____ |
| | | | Final Shut-In <u>90</u> | Mileage <u>102</u> <u>102</u> |
| | | | T-On Location <u>08.45</u> | Sub Total: <u>1452</u> <u>1452</u> |
| | | | T-Started <u>10:00 13:52</u> | Std. By <u>390</u> <u>120</u> |
| | | | T-Open <u>18:15</u> | Other _____ |
| | | | T-Pulled <u>22:15</u> | Total: <u>184</u> <u>1842</u> |
| | | | T-Out <u>03:15</u> | |

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Approved By Brad Rine
 Our Representative _____

CHART PAGE
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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20539

05/03

Test Ticket

Well Name & No. LYNN A 2-22 Test No. 3 Date 11/18/04
 Company Daystar Pet, inc. Zone Tested Morrow
 Address 1321W 43rd Valley Center Ks 67147 Elevation 2820 KB 2825 GL
 Co. Rep / Geo. Brad Rine Cont. Val #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 22 Twp. 31S Rge. 31W Co. Seward State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 5604 - 5500 Initial Str Wt./Lbs. 75,000 Unseated Str Wt./Lbs. 77,000
 Anchor Length 84' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 85,000
 Top Packer Depth 5609 Tool Weight 1800
 Bottom Packer Depth 5614 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5500 Wt. Pipe Run 0 Drill Collar Run 295
 Mud Wt. 9.9 LCM 3# Vis. 92 WL 8.8 Drill Pipe Size 4.5 Ft. Run 5320

Blow Description FF - Bob 1min GTS 4min
FSI - Blow back bob 13min
FF - Bob 30 sec Plugged in action
FSI - Blow back bob 15min

Recovery - Total Feet 265 GIP GTS Ft. in DC 265 Ft. in DP 0
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water 100 %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 110 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2500 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|--------------|-------------|
| (A) Initial Hydrostatic Mud | | <u>2480</u> PSI | <u>6752</u> | <u>1100</u> |
| (B) First Initial Flow Pressure | | <u>470</u> PSI | <u>9616</u> | <u>1100</u> |
| (C) First Final Flow Pressure | | <u>415</u> PSI | <u>13362</u> | <u>200</u> |
| (D) Initial Shut-In Pressure | | <u>1372</u> PSI | <u>9500</u> | <u>50</u> |
| (E) Second Initial Flow Pressure | | <u>565</u> PSI | | |
| (F) Second Final Flow Pressure | | <u>1340</u> PSI | | |
| (G) Final Shut-In Pressure | | <u>1361</u> PSI | | |
| (Q) Final Hydrostatic Mud | | <u>2505</u> PSI | | |

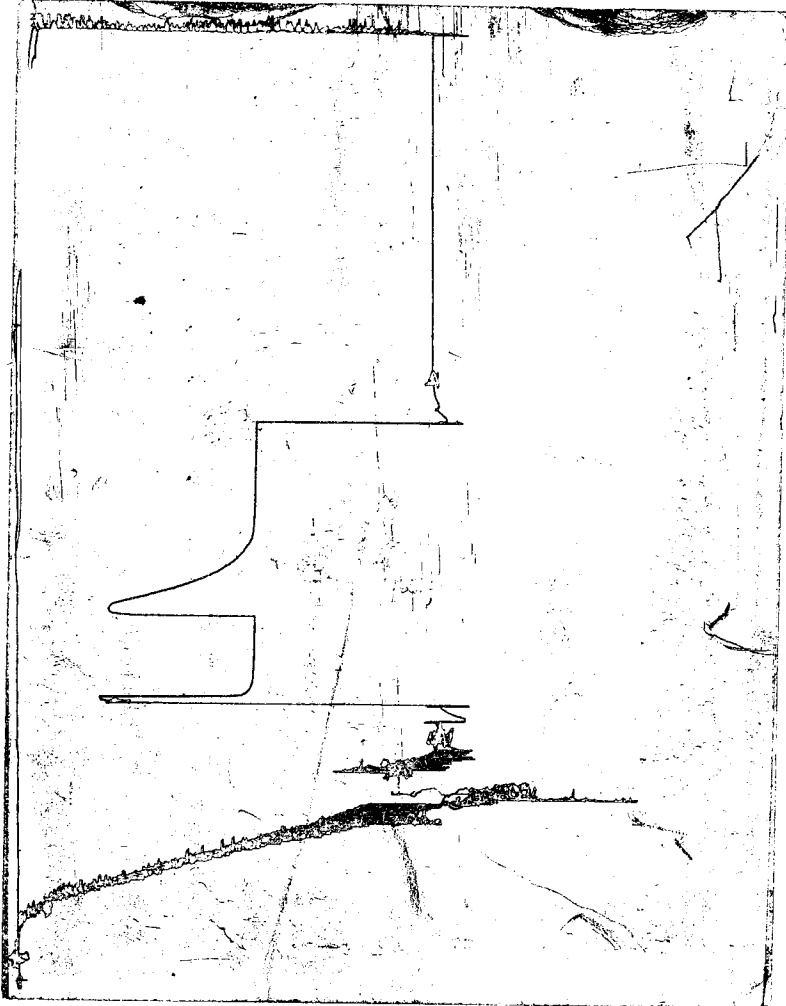
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

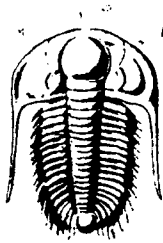
Approved By Brad Rine
 Our Representative [Signature]

Initial Opening 5
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 910
 T-On Location 19:15
 T-Started 19:45
 T-Open 02:45
 T-Pulled 02:15
 T-Out 11:15

Test 1100
 Elec. Rec. _____
 Jars 200
 Safety Jt. 50
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Mileage 102
 Sub Total: 1452
 Std. By _____
 Other _____
 Total: _____

CHART PAGE
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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

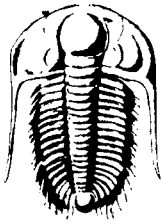
Daystar
OPERATOR

Lynn A 2-22
WELL NAME AND NO.

4
DST NO.

| Min. | Ins. of Water (PSIG) | Orifice Size | CF/D | Min. | Ins. of Water (PSIG) | Orifice Size | M CF/D |
|---------------|-------------------------|--------------|------|------|-------------------------|----------------|--------|
| 20 | 90 | 1/8 | 36.3 | 10 | 130 | 1/8 | 50.2 |
| 20 | 100 | 1/8 | 39.8 | 20 | 130 | 1/8 | 1299.2 |
| 30 | 104 | 1/8 | 41.2 | 20 | 50 | 3/4 | 939.3 |
| | | | | 40 | 34 | 3/4 | 706.6 |
| | | | | 50 | 115 | 1/4 | 188 |
| | | | | 60 | 165 | 1/4 | 262 |
| | | | | 70 | 195 | 1/4 | 305 |
| | | | | 80 | 214 | 1/4 | 328 |
| | | | | 90 | 225 | 1/4 | 350 |
| | | | | 100 | 234 | 1/4 | 365 |

Remarks:



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20540

05/03

Test Ticket

Well Name & No. ~~XXXXXXXXXXXX~~ LYMA 2 Test No. 4 Date 11/21/54
 Company ROYSTAR PET. Zone Tested MISSISSIPPI
 Address 1321 93rd Valley Center KS 67147 Elevation 2828 2825 GL
 Co. Rep / Geo. Glad Rine Cont. Val 1# Est. Ft. of Pay Por. %
 Location: Sec. 22 Twp. 31S Rge. 31W Co. Geward State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5772 5838 Initial Str Wt./Lbs. 7700 Unseated Str Wt./Lbs. 78,000
 Anchor Length 66 Wt. Set Lbs. 32,000 Wt. Pulled Loose/Lbs. 109,000
 Top Packer Depth 5767 Tool Weight 1,500
 Bottom Packer Depth 5772 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5838 Wt. Pipe Run 0 Drill Collar Run 295
 Mud Wt. 9.1 LCM 2.5F Vis. 54 WL 10.5 Drill Pipe Size 4.5 Ft. Run 5455

Blow Description IF - BOB 1 min GTS 14 min
 FSI - BOB 50 min
 FF - BOB 50
 FSI - BOB 50

Recovery - Total Feet 295 GIP GTS Ft. in DC 295 Ft. in DP 295
 Rec. 295 Feet of 5 %gas %oil %water 45 %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 °F Gravity °API D @ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 2400 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|--------|---------------------|-----------------|
| (A) Initial Hydrostatic Mud | 2884 | PSI | 6752 | 1100 |
| (B) First Initial Flow Pressure | 137 | PSI | (depth) 5774 | Elec. Rec. |
| (C) First Final Flow Pressure | 219 | PSI | Recorder No. 17362 | Jars 209 |
| (D) Initial Shut-In Pressure | 1767 | PSI | (depth) 5838 | Safety Jt. 50 |
| (E) Second Initial Flow Pressure | 306 | PSI | Recorder No. | Circ Sub |
| (F) Second Final Flow Pressure | 360 | PSI | (depth) | Sampler |
| (G) Final Shut-In Pressure | 1768 | PSI | Initial Opening 30 | Straddle |
| (Q) Final Hydrostatic Mud | 2696 | PSI | Initial Shut-In 60 | Ext. Packer |
| | | | Final Flow 100 | Shale Packer |
| | | | Final Shut-In 180 | Mileage 107 |
| | | | T-On Location 09:30 | Sub Total: 1952 |
| | | | T-Started 11:00 | Std. By |
| | | | T-Open 14:25 | Other |
| | | | T-Pulled 20:25 | Total: |
| | | | T-Out 02:00 | |

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Approved By Glad Rine
 Our Representative VR

CHART PAGE

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