



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

17-19S-33W Scott KS

Hughes Unit #1-17

Start Date: 2001.03.18 @ 00:41:00

End Date: 2001.03.18 @ 11:30:00

Job Ticket #: 13678 DST #: 1

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



**TRILLOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

Hughes Unit #1-17

17-19S-33W Scott KS

Job Ticket: 13678

DST#: 1

Test Start: 2001.03.18 @ 00:41:00

GENERAL INFORMATION:

Formation: **Lans "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:47:15

Time Test Ended: 11:30:00

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 12

Interval: **3889.00 ft (KB) To 3905.00 ft (KB) (TVD)**

Total Depth: 3905.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2979.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **3246** Inside

Press@RunDepth: 263.20 psig @ 3895.00 ft (KB)

Start Date: 2001.03.18

End Date:

2001.03.18

Start Time: 00:46:02

End Time:

09:13:30

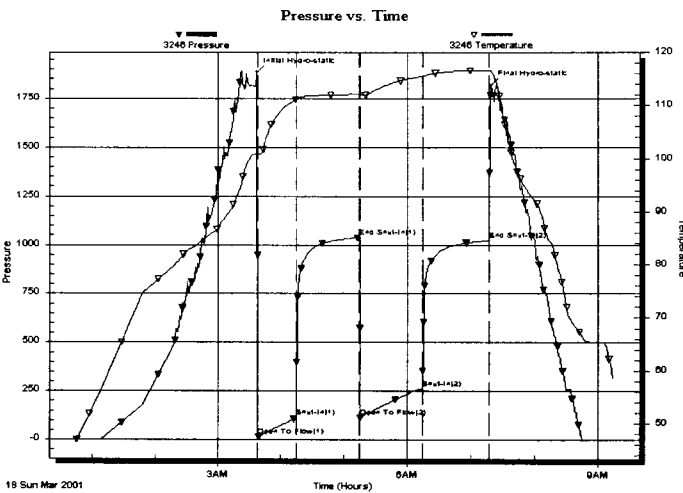
Capacity: 7000.00 psig

Last Calib.: 2001.03.17

Time On Btm: 2001.03.18 @ 03:37:15

Time Off Btm: 2001.03.18 @ 07:18:15

TEST COMMENT: IF; Surface blow built to 3"
FF; Surface blow built to 2"



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 172 | 1882.76 | 100.89 | Initial Hydro-static |
| 173 | 13.28 | 100.89 | Open To Flow (1) |
| 209 | 112.20 | 111.16 | Shut-In(1) |
| 268 | 1037.86 | 112.16 | End Shut-In(1) |
| 269 | 113.86 | 112.16 | Open To Flow (2) |
| 328 | 263.20 | 115.52 | Shut-In(2) |
| 391 | 1023.92 | 116.56 | End Shut-In(2) |
| 393 | 1816.39 | 116.55 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | Tar Oil | 0.01 |
| 530.00 | Water | 2.61 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Hughes Unit #1-17

453 S Webb Rd
Wichita KS 67278-0208

17-19S-33W Scott KS

Job Ticket: 13678

DST#: 1

ATTN: Roger/ Kevin McCoy

Test Start: 2001.03.18 @ 00:41:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3365.00 ft | Diameter: 3.80 inches | Volume: 47.20 bbl | Tool Weight: 1800.00 lb |
| Drill Collar: | Length: 540.00 ft | Diameter: 2.25 inches | Volume: 2.66 bbl | Weight set on Packer: 30000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 64000.00 lb |
| Drill Pipe Above KB: | 31.00 ft | | | Tool Chased 0.00 ft |
| Depth to Top Packer: | 3889.00 ft | | | String Weight: Initial 64000.00 lb |
| Depth to Bottom Packer: | ft | | | Final 70000.00 lb |
| Interval between Packers: | ft | | | |
| Tool Length: | 31.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

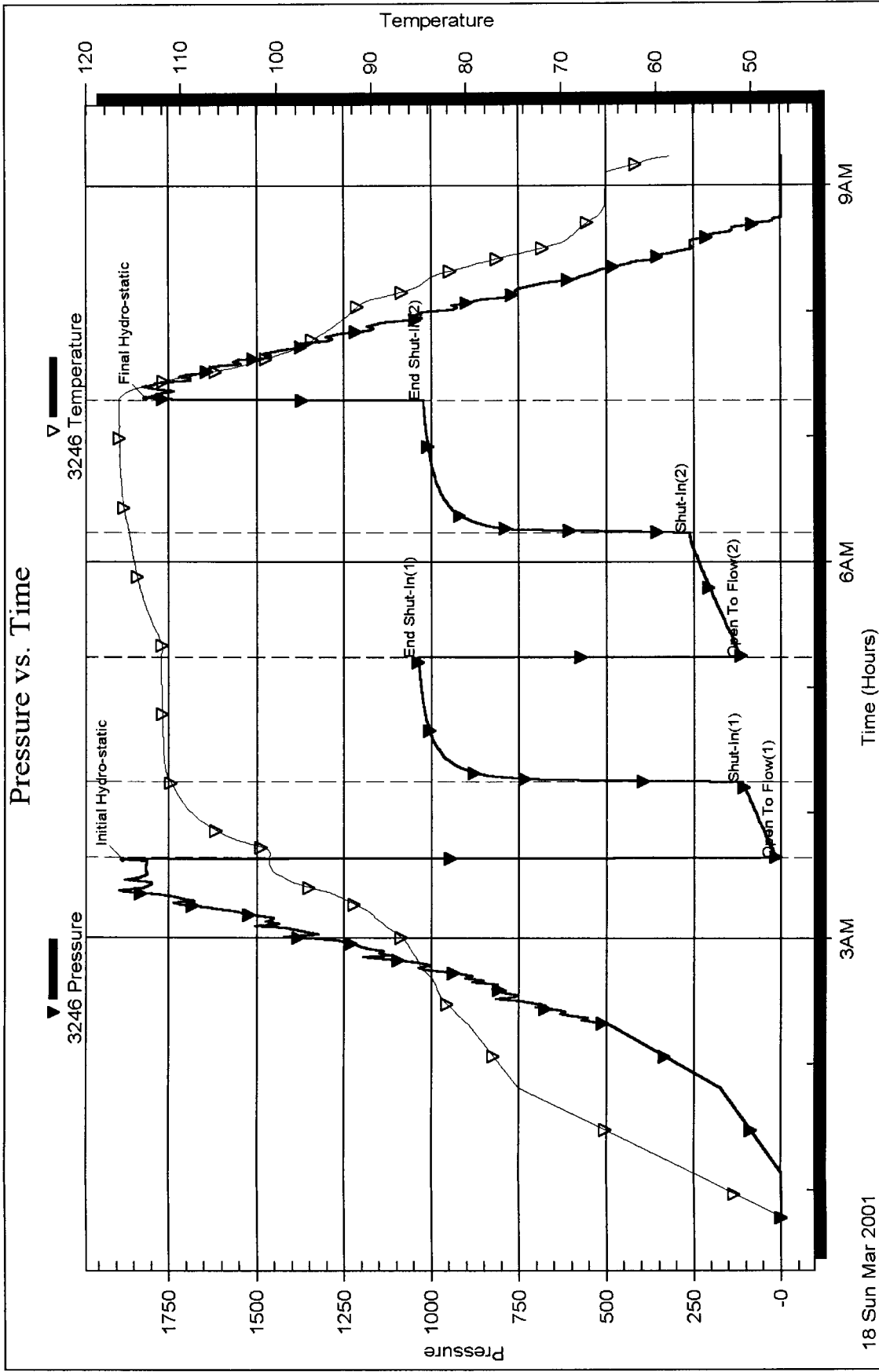
| | | | | | | |
|---------------------------|--------------|-------|---------|---------|-------|-------------------------|
| S.I. Tool | 5.00 | | | 3879.00 | | |
| HMV | 5.00 | | | 3884.00 | | |
| Packer | 5.00 | | | 3889.00 | 15.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 3894.00 | | |
| Stubb | 1.00 | | | 3895.00 | | |
| Recorder | 0.00 | 3246 | Inside | 3895.00 | | |
| Perforations | 5.00 | | | 3900.00 | | |
| Recorder | 0.00 | 13339 | Outside | 3900.00 | | |
| Bullnose | 5.00 | | | 3905.00 | 16.00 | Bottom Packers & Anchor |
| Total Tool Length: | 31.00 | | | | | |

Serial #: 3246

Inside

McCoy Petroleum Corp

17-19S-33W Scott KS





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

453 S Webb Rd
Witchita KS 67278-0208

ATTN: Roger/ Kevin McCoy

17-19S-33W Scott KS

Hughes Unit #1-17

Start Date: 2001.03.18 @ 19:00:00

End Date: 2001.03.19 @ 01:30:00

Job Ticket #: 13679 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

Hughes Unit #1-17

17-19S-33W Scott KS

Job Ticket: 13679

DST#: 2

Test Start: 2001.03.18 @ 19:00:00

GENERAL INFORMATION:

Formation: **Lans "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:55:30

Time Test Ended: 01:30:00

Interval: **3913.00 ft (KB) To 3945.00 ft (KB) (TVD)**

Total Depth: 3905.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 12

Reference Elevations: 2979.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **3246** Inside

Press@RunDepth: 25.94 psig @ 3919.00 ft (KB)

Start Date: 2001.03.18

End Date: 2001.03.19

Capacity: 7000.00 psig

Last Calib.: 2001.03.17

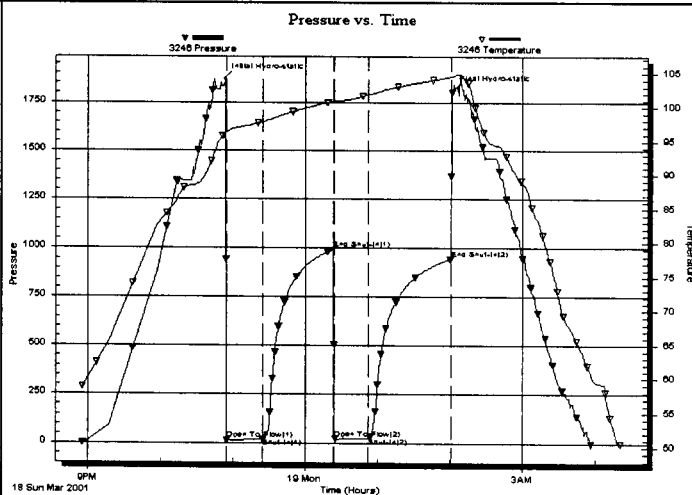
Start Time: 20:55:02

End Time: 04:21:45

Time On Btm: 2001.03.18 @ 22:53:15

Time Off Btm: 2001.03.19 @ 02:01:45

TEST COMMENT: If; Weak surfce blow steady thru
FF; Surge at open- no return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 119 | 1868.85 | 96.15 | Initial Hydro-static |
| 120 | 13.60 | 96.34 | Open To Flow (1) |
| 150 | 19.49 | 97.92 | Shut-In(1) |
| 208 | 992.13 | 100.94 | End Shut-In(1) |
| 209 | 21.55 | 100.97 | Open To Flow (2) |
| 238 | 25.94 | 101.96 | Shut-In(2) |
| 306 | 945.05 | 104.48 | End Shut-In(2) |
| 307 | 1809.16 | 104.55 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Drig. Mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Hughes Unit #1-17

453 S Webb Rd
Witchita KS 67278-0208

17-19S-33W Scott KS

Job Ticket: 13679

DST#: 2

ATTN: Roger/ Kevin McCoy

Test Start: 2001.03.18 @ 19:00:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3365.00 ft | Diameter: 3.80 inches | Volume: 47.20 bbl | Tool Weight: 1800.00 lb |
| Drill Collar: | Length: 540.00 ft | Diameter: 2.25 inches | Volume: 2.66 bbl | Weight set on Packer: 30000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 65000.00 lb |
| Drill Pipe Above KB: | 7.00 ft | | | Tool Chased 0.00 ft |
| Depth to Top Packer: | 3913.00 ft | | | String Weight: Initial 64000.00 lb |
| Depth to Bottom Packer: | ft | | | Final 64000.00 lb |
| Interval between Packers: | ft | | | |
| Tool Length: | 47.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments

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

| | | | | | |
|--------------|-------|-------|---------|---------|-------------------------------|
| S.I. Tool | 5.00 | | | 3903.00 | |
| HMV | 5.00 | | | 3908.00 | |
| Packer | 5.00 | | | 3913.00 | 15.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3918.00 | |
| Stubb | 1.00 | | | 3919.00 | |
| Recorder | 0.00 | 3246 | Inside | 3919.00 | |
| Perforations | 21.00 | | | 3940.00 | |
| Recorder | 0.00 | 13339 | Outside | 3940.00 | |
| Bullnose | 5.00 | | | 3945.00 | 32.00 Bottom Packers & Anchor |

Total Tool Length: 47.00

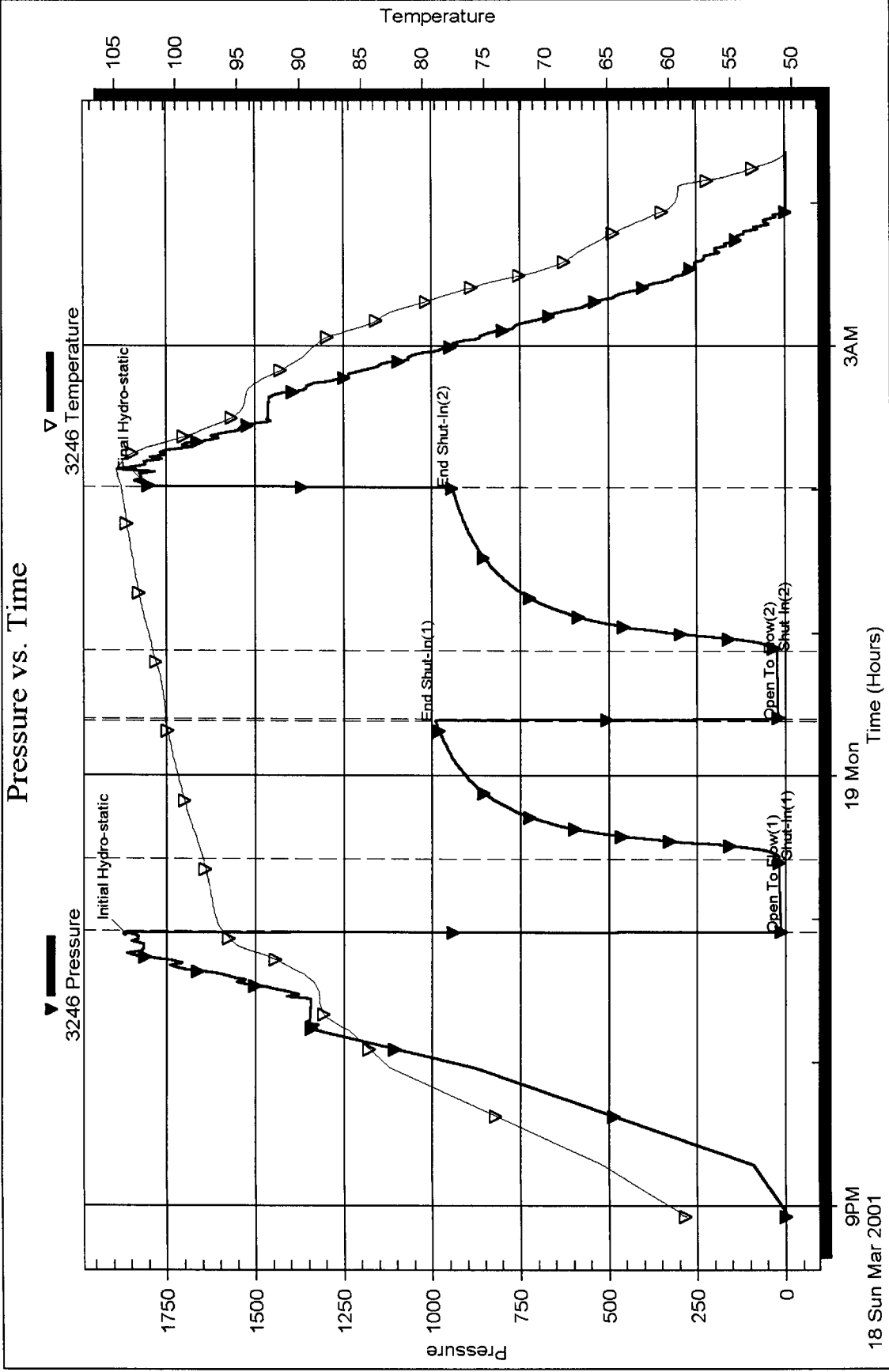
Serial #: 3246

Inside

McCoy Petroleum Corp

17-19S-33W Scott KS

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

17-19S-33W Scott KS

Hughes Unit #1-17

Start Date: 2001.03.18 @ 01:03:00

End Date: 2001.03.20 @ 05:06:00

Job Ticket #: 13680 DST #: 3

Trilobite Testing, Inc
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DRILL STEM TEST REPORT

McCoy Petroleum Corp

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

Hughes Unit #1-17

17-19S-33W Scott KS

Job Ticket: 13680

DST#: 3

Test Start: 2001.03.18 @ 01:03:00

GENERAL INFORMATION:

Formation: **Lans "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:24:59

Time Test Ended: 05:06:00

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 12

Interval: **4127.00 ft (KB) To 4145.00 ft (KB) (TVD)**

Total Depth: 3905.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2979.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **3246** Inside

Press@RunDepth: 18.31 psig @ 4133.00 ft (KB)

Start Date: 2001.03.20

End Date:

2001.03.20

Start Time: 01:03:31

End Time:

09:09:59

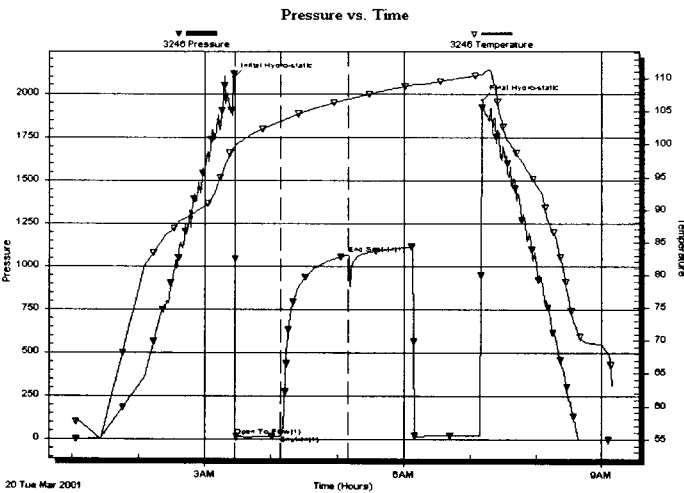
Capacity: 7000.00 psig

Last Calib.: 2001.03.17

Time On Btm: 2001.03.20 @ 03:26:29

Time Off Btm: 2001.03.20 @ 07:11:14

TEST COMMENT: IF; Weak surface blow died in 25 mins
FF; No return blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 143 | 2093.37 | 99.52 | Initial Hydro-static |
| 145 | 13.88 | 99.85 | Open To Flow (1) |
| 185 | 18.31 | 103.53 | Shut-In(1) |
| 247 | 1067.86 | 106.93 | End Shut-In(1) |
| 368 | 1962.09 | 110.79 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Wiry Mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Hughes Unit #1-17

453 S Webb Rd
Witchita KS 67278-0208

17-19S-33W Scott KS

Job Ticket: 13680

DST#: 3

ATTN: Roger/ Kevin McCoy

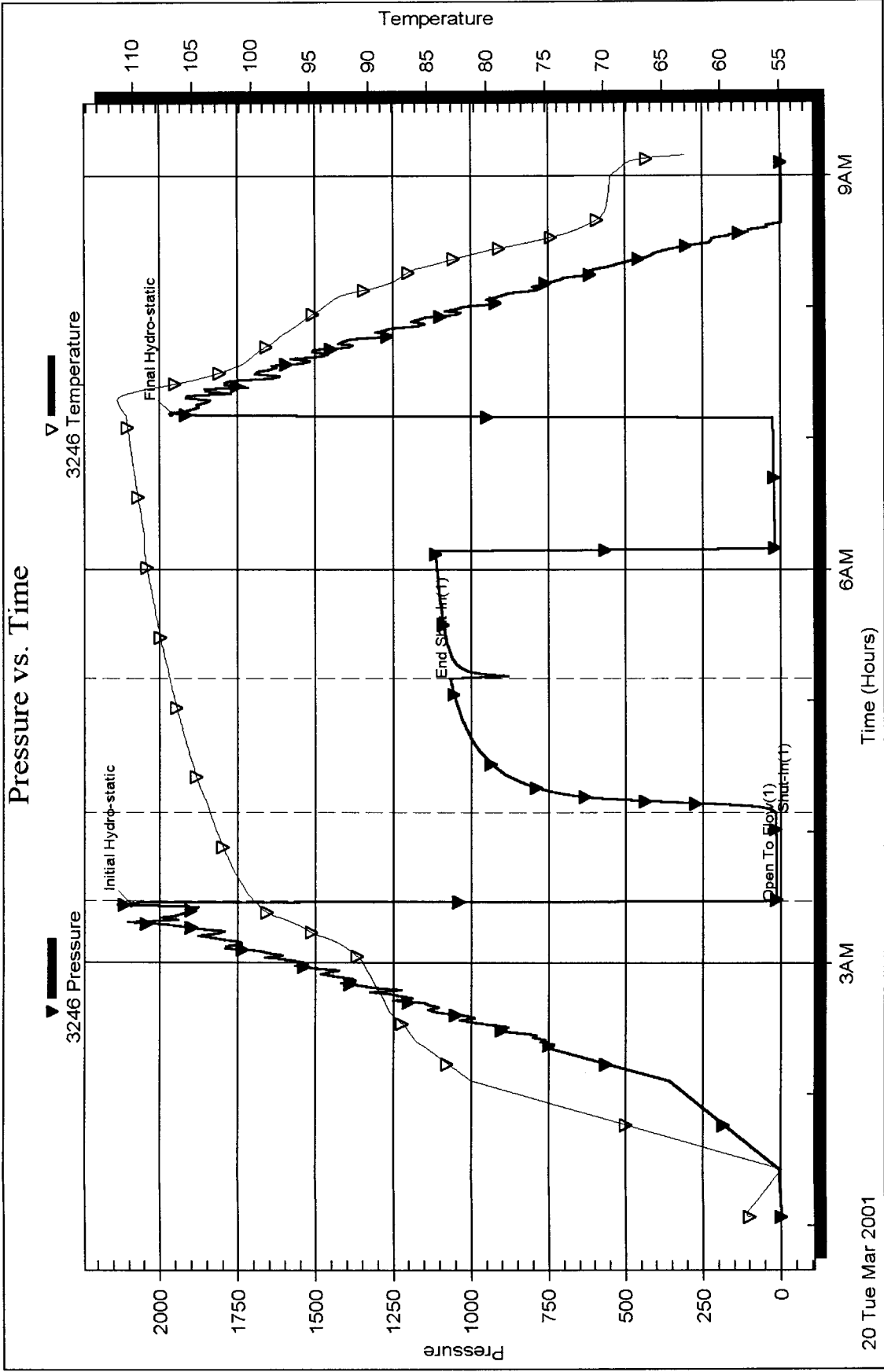
Test Start: 2001.03.18 @ 01:03:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3583.00 ft | Diameter: 3.80 inches | Volume: 50.26 bbl | Tool Weight: 1800.00 lb |
| Drill Collar: | Length: 540.00 ft | Diameter: 2.25 inches | Volume: 2.66 bbl | Weight set on Packer: 30000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 70000.00 lb |
| Drill Pipe Above KB: | 11.00 ft | | | Tool Chased 0.00 ft |
| Depth to Top Packer: | 4127.00 ft | | | String Weight: Initial 64000.00 lb |
| Depth to Bottom Packer: | ft | | | Final 64000.00 lb |
| Interval between Packers: | ft | | | |
| Tool Length: | 33.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| S.I. Tool | 5.00 | | | 4117.00 | |
| HMV | 5.00 | | | 4122.00 | |
| Packer | 5.00 | | | 4127.00 | 15.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4132.00 | |
| Stubb | 1.00 | | | 4133.00 | |
| Recorder | 0.00 | 3246 | Inside | 4133.00 | |
| Perforations | 7.00 | | | 4140.00 | |
| Recorder | 0.00 | 13339 | Outside | 4140.00 | |
| Bullnose | 5.00 | | | 4145.00 | 18.00 Bottom Packers & Anchor |
| Total Tool Length: | 33.00 | | | | |





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

17-19S-33W Scott KS

Hughes Unit #1-17

Start Date: 2001.03.20 @ 22:48:00

End Date: 2001.03.21 @ 04:18:00

Job Ticket #: 13681 DST #: 4

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corp
453 S Webb Rd
Witchita KS 67278-0208
ATTN: Roger/ Kevin McCoy

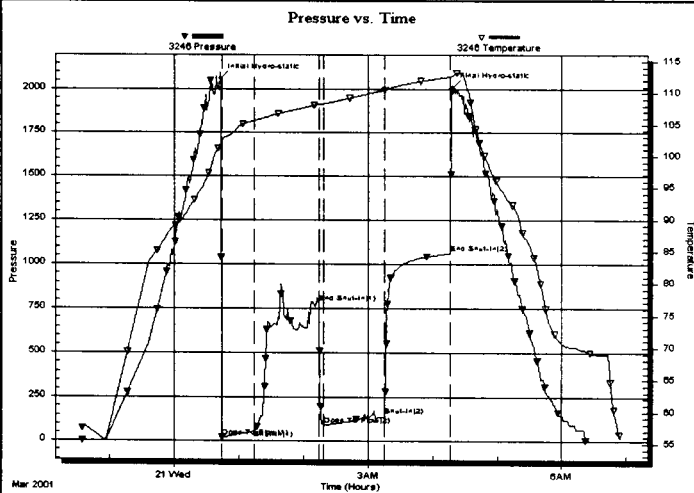
Hughes Unit #1-17
17-19S-33W Scott KS
Job Ticket: 13681 **DST#: 4**
Test Start: 2001.03.20 @ 22:48:00

GENERAL INFORMATION:

Formation: **L/KC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:44:13
 Time Test Ended: 04:18:00
 Interval: **4229.00 ft (KB) To 4255.00 ft (KB) (TVD)**
 Total Depth: 3905.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Rod Steinbrink
 Unit No: 12
 Reference Elevations: 2979.00 ft (KB)
 2970.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: **3246** Inside
 Press@RunDepth: 141.02 psig @ 4235.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2001.03.20 End Date: 2001.03.21 Last Calib.: 2001.03.17
 Start Time: 22:34:45 End Time: 06:54:28 Time On Btm: 2001.03.21 @ 00:43:13
 Time Off Btm: 2001.03.21 @ 04:18:28

TEST COMMENT: IF; Weak surface blow built to 1"
 FF; Weak surface steady thru.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 129 | 2060.75 | 102.04 | Initial Hydro-static |
| 130 | 16.85 | 102.40 | Open To Flow (1) |
| 160 | 54.32 | 105.64 | Shut-In(1) |
| 220 | 778.94 | 108.29 | End Shut-In(1) |
| 225 | 90.61 | 108.35 | Open To Flow (2) |
| 281 | 141.02 | 110.52 | Shut-In(2) |
| 342 | 1061.71 | 112.61 | End Shut-In(2) |
| 344 | 2013.98 | 112.80 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 290.00 | Heavy Oil | 1.43 |
| 30.00 | HOCM 70%oil 30% mud | 0.15 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Hughes Unit #1-17

453 S Webb Rd
Wichita KS 67278-0208

17-19S-33W Scott KS

Job Ticket: 13681

DST#: 4

ATTN: Roger/ Kevin McCoy

Test Start: 2001.03.20 @ 22:48:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 3682.00 ft | Diameter: 3.80 inches | Volume: 51.65 bbl | Tool Weight: 1800.00 lb |
| Drill Collar: | Length: 540.00 ft | Diameter: 2.25 inches | Volume: 2.66 bbl | Weight set on Packer: 30000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 70000.00 lb |
| Drill Pipe Above KB: | 8.00 ft | | | Tool Chased 0.00 ft |
| Depth to Top Packer: | 4229.00 ft | | | String Weight: Initial 65000.00 lb |
| Depth to Bottom Packer: | ft | | | Final 65000.00 lb |
| Interval between Packers: | ft | | | |
| Tool Length: | 41.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

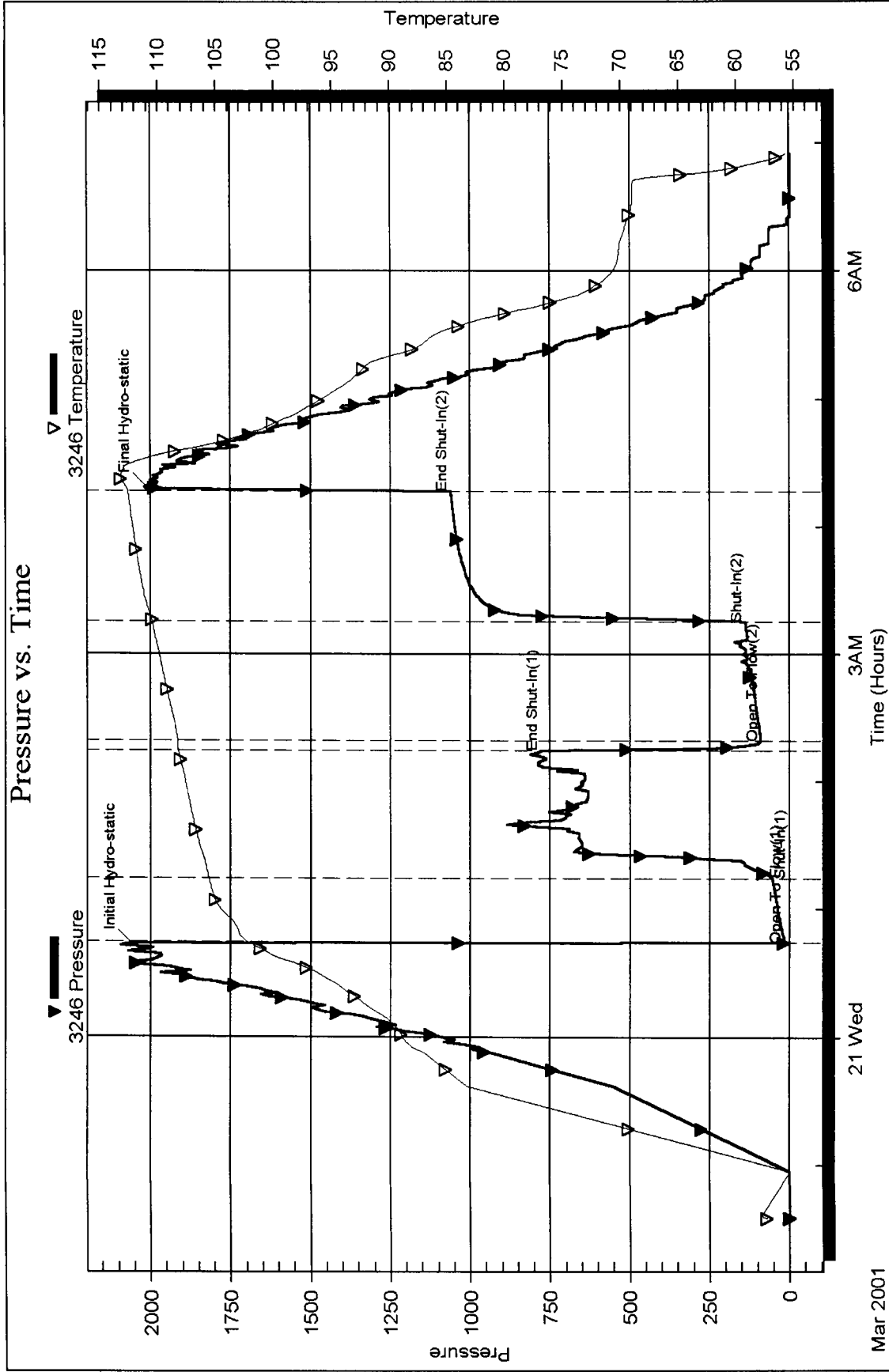
Tool Comments

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

| | | | | | |
|--------------|-------|-------|---------|---------|-------------------------------|
| S.I. Tool | 5.00 | | | 4219.00 | |
| HMV | 5.00 | | | 4224.00 | |
| Packer | 5.00 | | | 4229.00 | 15.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4234.00 | |
| Stubb | 1.00 | | | 4235.00 | |
| Recorder | 0.00 | 3246 | Inside | 4235.00 | |
| Perforations | 15.00 | | | 4250.00 | |
| Recorder | 0.00 | 13339 | Outside | 4250.00 | |
| Bullnose | 5.00 | | | 4255.00 | 26.00 Bottom Packers & Anchor |

Total Tool Length: 41.00

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

453 S Webb Rd
Witchita KS 67278-0208

ATTN: Roger/ Kevin McCoy

17-19S-33W Scott KS

Hughes Unit #1-17

Start Date: 2001.03.20 @ 19:00:00

End Date: 2001.03.22 @ 23:46:00

Job Ticket #: 13682 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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**TRILOBITE
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DRILL STEM TEST REPORT

McCoy Petroleum Corp

453 S Webb Rd
Wichita KS 67278-0208

ATTN: Roger/ Kevin McCoy

Hughes Unit #1-17

17-19S-33W Scott KS

Job Ticket: 13682

DST#: 5

Test Start: 2001.03.20 @ 19:00:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:46:01

Time Test Ended: 23:46:00

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 12

Interval: **4621.00 ft (KB) To 4675.00 ft (KB) (TVD)**

Total Depth: 3905.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2979.00 ft (KB)

2970.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **3246** Inside

Press@RunDepth: 40.70 psig @ 4627.00 ft (KB)

Start Date: 2001.03.22

End Date:

2001.03.23

Start Time: 18:57:18

End Time:

02:22:46

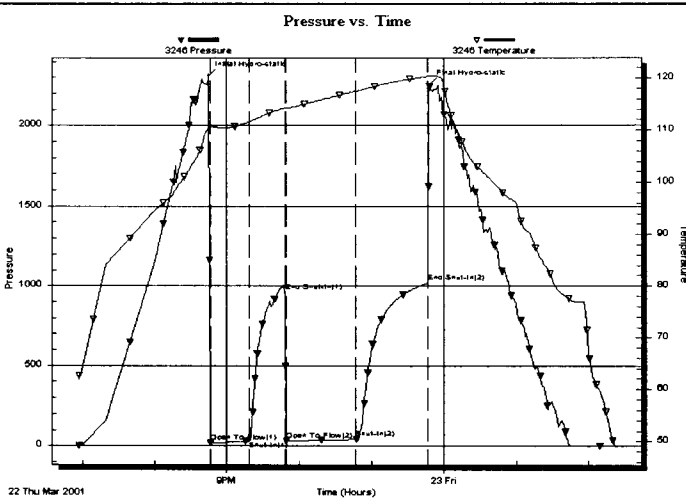
Capacity: 7000.00 psig

Last Calib.: 2001.03.20

Time On Btm: 2001.03.22 @ 20:45:01

Time Off Btm: 2001.03.22 @ 23:48:01

TEST COMMENT: IF; Weak surface b/w died in 25 mins.
FF; No return blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 108 | 2308.44 | 110.46 | Initial Hydro-static |
| 109 | 17.71 | 110.66 | Open To Flow (1) |
| 141 | 27.58 | 111.56 | Shut-In(1) |
| 171 | 962.91 | 114.27 | End Shut-In(1) |
| 172 | 29.36 | 114.31 | Open To Flow (2) |
| 230 | 40.70 | 117.45 | Shut-In(2) |
| 290 | 1020.33 | 120.31 | End Shut-In(2) |
| 291 | 2251.23 | 120.40 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------|--------------|
| 5.00 | Drilling mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Hughes Unit #1-17

453 S Webb Rd
Wichita KS 67278-0208

17-19S-33W Scott KS

Job Ticket: 13682

DST#: 5

ATTN: Roger/ Kevin McCoy

Test Start: 2001.03.20 @ 19:00:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------|------------------------------------|
| Drill Pipe: | Length: 4086.00 ft | Diameter: 3.80 inches | Volume: 57.32 bbl | Tool Weight: 1800.00 lb |
| Drill Collar: | Length: 540.00 ft | Diameter: 2.25 inches | Volume: 2.66 bbl | Weight set on Packer: 30000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 90000.00 lb |
| Drill Pipe Above KB: | 20.00 ft | | | Tool Chased 0.00 ft |
| Depth to Top Packer: | 4621.00 ft | | | String Weight: Initial 70000.00 lb |
| Depth to Bottom Packer: | ft | | | Final 70000.00 lb |
| Interval between Packers: | ft | | | |
| Tool Length: | 69.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| S.I. Tool | 5.00 | | | 4611.00 | |
| HMV | 5.00 | | | 4616.00 | |
| Packer | 5.00 | | | 4621.00 | 15.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4626.00 | |
| Stubb | 1.00 | | | 4627.00 | |
| Recorder | 0.00 | 3246 | Inside | 4627.00 | |
| Perforations | 10.00 | | | 4637.00 | |
| C.O. Sub | 1.00 | | | 4638.00 | |
| Anchor | 31.00 | | | 4669.00 | |
| C.O. Sub | 1.00 | | | 4670.00 | |
| Recorder | 0.00 | 13339 | Outside | 4670.00 | |
| Bullnose | 5.00 | | | 4675.00 | 54.00 Bottom Packers & Anchor |

Total Tool Length: 69.00

