



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

2 26S 18W Edwards KS

Wildhorse Farms #1

Start Date: 2006.11.18 @ 12:54:50

End Date: 2006.11.18 @ 23:09:18

Job Ticket #: 26130 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

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26130 DST#: 1

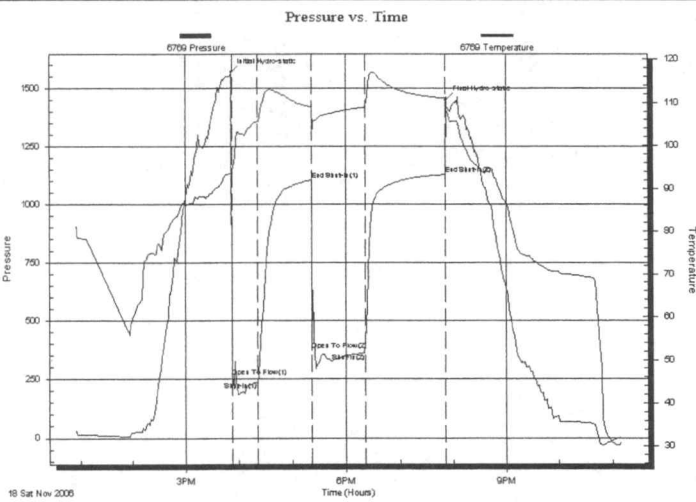
Test Start: 2006.11.18 @ 12:54:50

GENERAL INFORMATION:

Formation: **Langdon Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:52:48
 Time Test Ended: 23:09:18
 Interval: **3142.00 ft (KB) To 3219.00 ft (KB) (TVD)**
 Total Depth: 2319.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 24
 Reference Elevations: 2158.00 ft (KB)
 2150.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6769 Inside
 Press@RunDepth: 359.11 psig @ 3148.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.11.18 End Date: 2006.11.18 Last Calib.: 2006.11.18
 Start Time: 12:54:50 End Time: 23:09:18 Time On Btm: 2006.11.18 @ 15:51:48
 Time Off Btm: 2006.11.18 @ 19:52:03

TEST COMMENT: IFP BOB 1 1/2 min. GTS 25 min.
 ISI 6 1/2 " blow back
 FFP BOB open
 FSI BOB 50 min.



PRESSURE SUMMARY

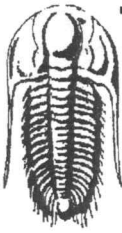
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1565.72 | 93.35 | Initial Hydro-static |
| 1 | 257.46 | 94.01 | Open To Flow (1) |
| 29 | 237.13 | 105.59 | Shut-In(1) |
| 90 | 1105.41 | 108.94 | End Shut-In(1) |
| 91 | 371.22 | 101.32 | Open To Flow (2) |
| 150 | 359.11 | 108.85 | Shut-In(2) |
| 241 | 1128.66 | 110.98 | End Shut-In(2) |
| 241 | 1447.61 | 111.32 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------|--------------|
| 130.00 | GWM 10%G 30%W 60%M | 0.77 |
| 250.00 | GWM 10%G 10%W 80%M | 3.51 |
| 270.00 | MJD 100%M | 3.79 |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 4.00 | 6.89 |
| Last Gas Rate | 0.50 | 13.00 | 184.83 |
| Max. Gas Rate | 0.38 | 27.00 | 151.66 |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26130 **DST#: 1**

ATTN: Ben Landes

Test Start: 2006.11.18 @ 12:54:50

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3024.00 ft | Diameter: 3.80 inches | Volume: 42.42 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 116.00 ft | Diameter: 2.25 inches | Volume: 0.57 bbl | Weight to Pull Loose: | 53000.00 lb |
| | | | <u>Total Volume: 42.99 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 27.00 ft | | | String Weight: Initial | 42000.00 lb |
| Depth to Top Packer: | 3142.00 ft | | | Final | 48000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 77.02 ft | | | | |
| Tool Length: | 106.02 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.57 inches | | | |
| Tool Comments: | | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|---------------|------------|----------|------------|------------------------------------|
| Shut In Tool | 5.00 | | | 3118.00 | |
| Sampler | 2.00 | | | 3120.00 | |
| Hydraulic tool | 5.00 | | | 3125.00 | |
| Jars | 5.00 | | | 3130.00 | |
| Safety Joint | 2.00 | | | 3132.00 | |
| Packer | 5.00 | | | 3137.00 | 29.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3142.00 | |
| Stubb | 1.00 | | | 3143.00 | |
| Perforations | 4.00 | | | 3147.00 | |
| Change Over Sub | 1.00 | | | 3148.00 | |
| Recorder | 0.01 | 6769 | Inside | 3148.01 | |
| Blank Spacing | 62.00 | | | 3210.01 | |
| Change Over Sub | 1.00 | | | 3211.01 | |
| Perforations | 5.00 | | | 3216.01 | |
| Recorder | 0.01 | 13548 | Outside | 3216.02 | |
| Bullnose | 3.00 | | | 3219.02 | 77.02 Bottom Packers & Anchor |
| Total Tool Length: | 106.02 | | | | |



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26130

DST#: 1

ATTN: Ben Landes

Test Start: 2006.11.18 @ 12:54:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

31000 ppm

Viscosity: 34.00 sec/qt

Cushion Volume:

bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 33000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------|---------------|
| 130.00 | GWM 10%G 30%W 60%M | 0.767 |
| 250.00 | GWM 10%G 10%W 80%M | 3.507 |
| 270.00 | MUD 100%M | 3.787 |

Total Length: 650.00 ft

Total Volume: 8.061 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

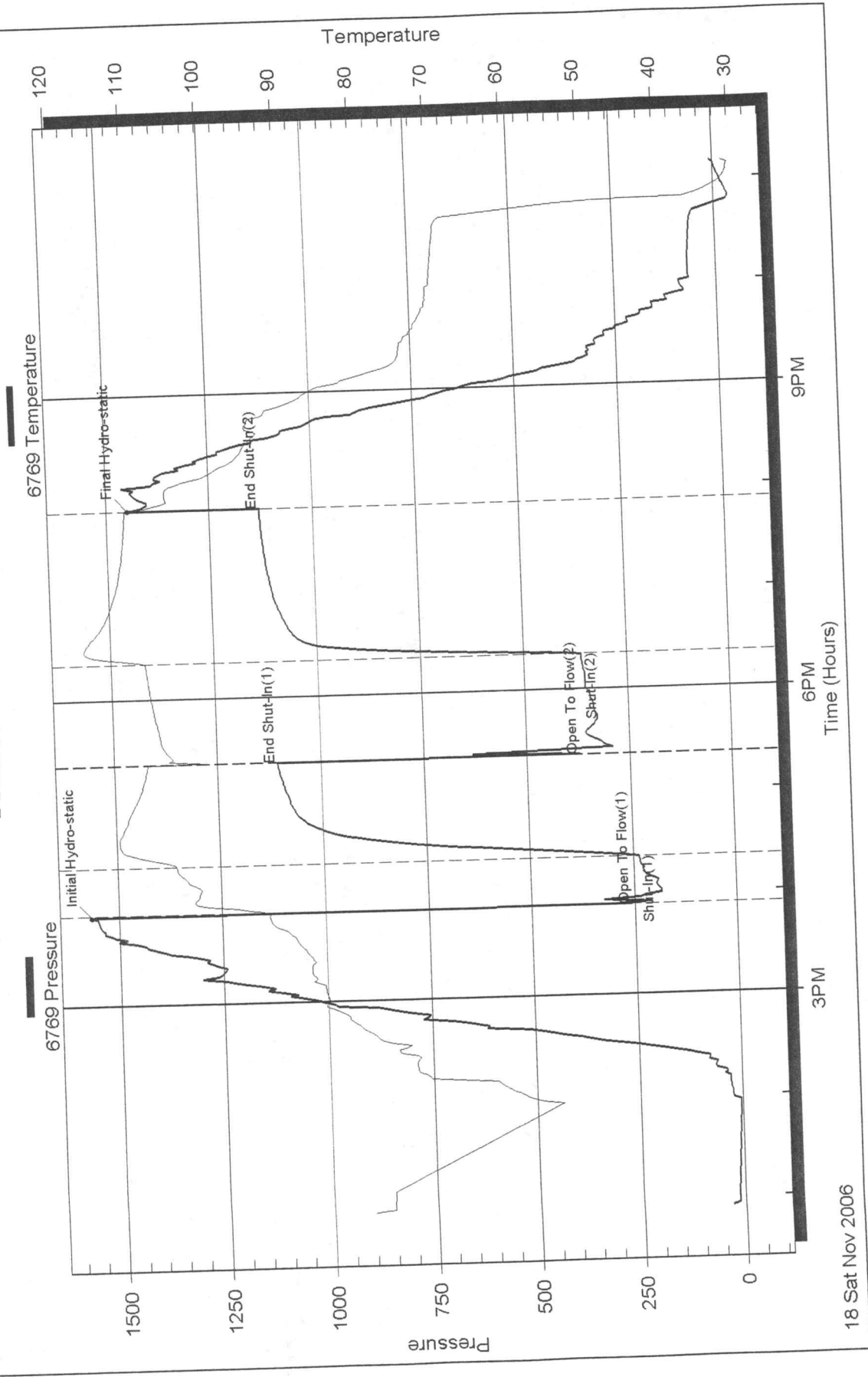
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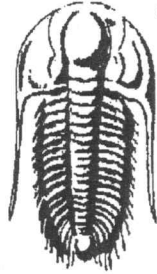
Laboratory Name:

Laboratory Location:

Recovery Comments: GTS 25 min.

Pressure vs. Time





**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

2 26S 18W Edwards KS

Wildhorse Farms #1

Start Date: 2006.11.19 @ 16:25:09

End Date: 2006.11.20 @ 01:34:24

Job Ticket #: 26383 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26383 **DST#: 2**

Test Start: 2006.11.19 @ 16:25:09

GENERAL INFORMATION:

Formation: **Howard**

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

Time Tool Opened: 18:52:39

Time Test Ended: 01:34:24

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3377.00 ft (KB) To 3415.00 ft (KB) (TVD)**

Total Depth: 3415.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2158.00 ft (KB)

2150.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 121.97 psig @ 3378.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.11.19

End Date: 2006.11.20

Last Calib.: 2006.11.20

Start Time: 16:25:14

End Time: 01:34:24

Time On Btm: 2006.11.19 @ 18:51:39

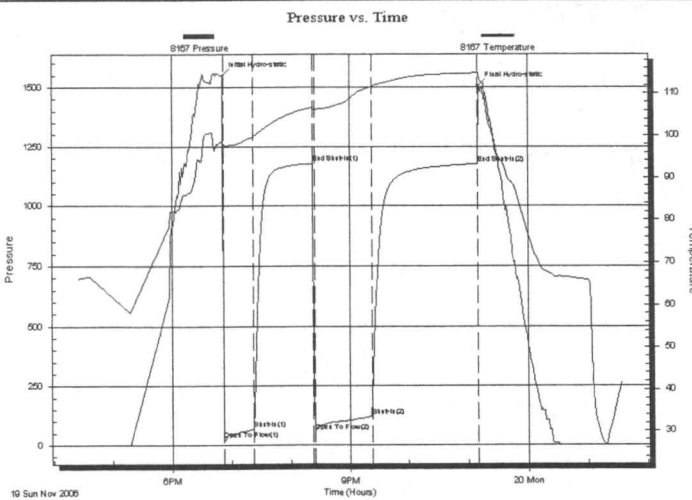
Time Off Btm: 2006.11.19 @ 23:10:08

TEST COMMENT: IF Strong blow BOB in 50 secs. GTS in 20 mins (see gas flow report)

ISI No blow

FF Strong blow (see gas flow report)

FSI No blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1546.99 | 98.36 | Initial Hydro-static |
| 1 | 23.84 | 97.73 | Open To Flow (1) |
| 31 | 70.93 | 99.82 | Shut-In(1) |
| 92 | 1177.79 | 106.71 | End Shut-In(1) |
| 93 | 58.79 | 106.35 | Open To Flow (2) |
| 151 | 121.97 | 111.57 | Shut-In(2) |
| 259 | 1175.10 | 114.85 | End Shut-In(2) |
| 259 | 1504.31 | 114.96 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 180.00 | MW 24%M 76%W Rw .14 OHMS@50 deg | 1.43 |
| 80.00 | GCM 18%G 82%M | 1.12 |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.13 | 3.00 | 6.51 |
| Last Gas Rate | 0.25 | 5.50 | 31.57 |
| Max. Gas Rate | 0.25 | 12.00 | 41.88 |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26383

DST#: 2

ATTN: Ben Landes

Test Start: 2006.11.19 @ 16:25:09

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3235.00 ft | Diameter: 3.80 inches | Volume: 45.38 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: 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 60000.00 lb |
| | | | <u>Total Volume: 45.97 bbl</u> | Tool Chased 2.00 ft |
| Drill Pipe Above KB: | 3.00 ft | | | String Weight: Initial 46000.00 lb |
| Depth to Top Packer: | 3377.00 ft | | | Final 47000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 38.00 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 |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 3353.00 | |
| Shut In Tool | 5.00 | | | 3358.00 | |
| Sampler | 3.00 | | | 3361.00 | |
| Hydraulic tool | 5.00 | | | 3366.00 | |
| Safety Joint | 2.00 | | | 3368.00 | |
| Packer | 4.00 | | | 3372.00 | 25.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3377.00 | |
| Stubb | 1.00 | | | 3378.00 | |
| Recorder | 0.00 | 8167 | Inside | 3378.00 | |
| Perforations | 32.00 | | | 3410.00 | |
| Recorder | 0.00 | 11019 | Outside | 3410.00 | |
| Bullnose | 5.00 | | | 3415.00 | 38.00 Bottom Packers & Anchor |

Total Tool Length: 63.00



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FLUID SUMMARY

MTM Petroleum Inc

PO Box 82
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ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26383

DST#: 2

Test Start: 2006.11.19 @ 16:25:09

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 9.57 in³

Resistivity: 0.00 ohm.m

Salinity: 2300.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 61000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|---------------------------------|---------------|
| 180.00 | MW 24%M 76%W Rw .14 OHMS@50 deg | 1.432 |
| 80.00 | GCM 18%G 82%M | 1.122 |

Total Length: 260.00 ft Total Volume: 2.554 bbl

Num Fluid Samples: 0

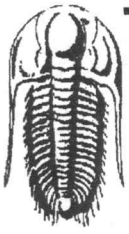
Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: SAMPLER DATA: .4 cubic ft. of gas, 3050 ML water, and a trace of mud @ 545 PSI.



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26383

DST#: 2

ATTN: Ben Landes

Test Start: 2006.11.19 @ 16:25:09

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 | 25 | 0.13 | 3.00 | 6.51 |
| 1 | 30 | 0.13 | 7.00 | 8.01 |
| 2 | 10 | 0.25 | 12.00 | 41.88 |
| 2 | 20 | 0.25 | 9.00 | 37.12 |
| 2 | 30 | 0.25 | 8.00 | 35.54 |
| 2 | 40 | 0.25 | 7.00 | 33.95 |
| 2 | 50 | 0.25 | 5.50 | 31.57 |
| 2 | 60 | 0.25 | 5.50 | 31.57 |

DST Test Number: 2

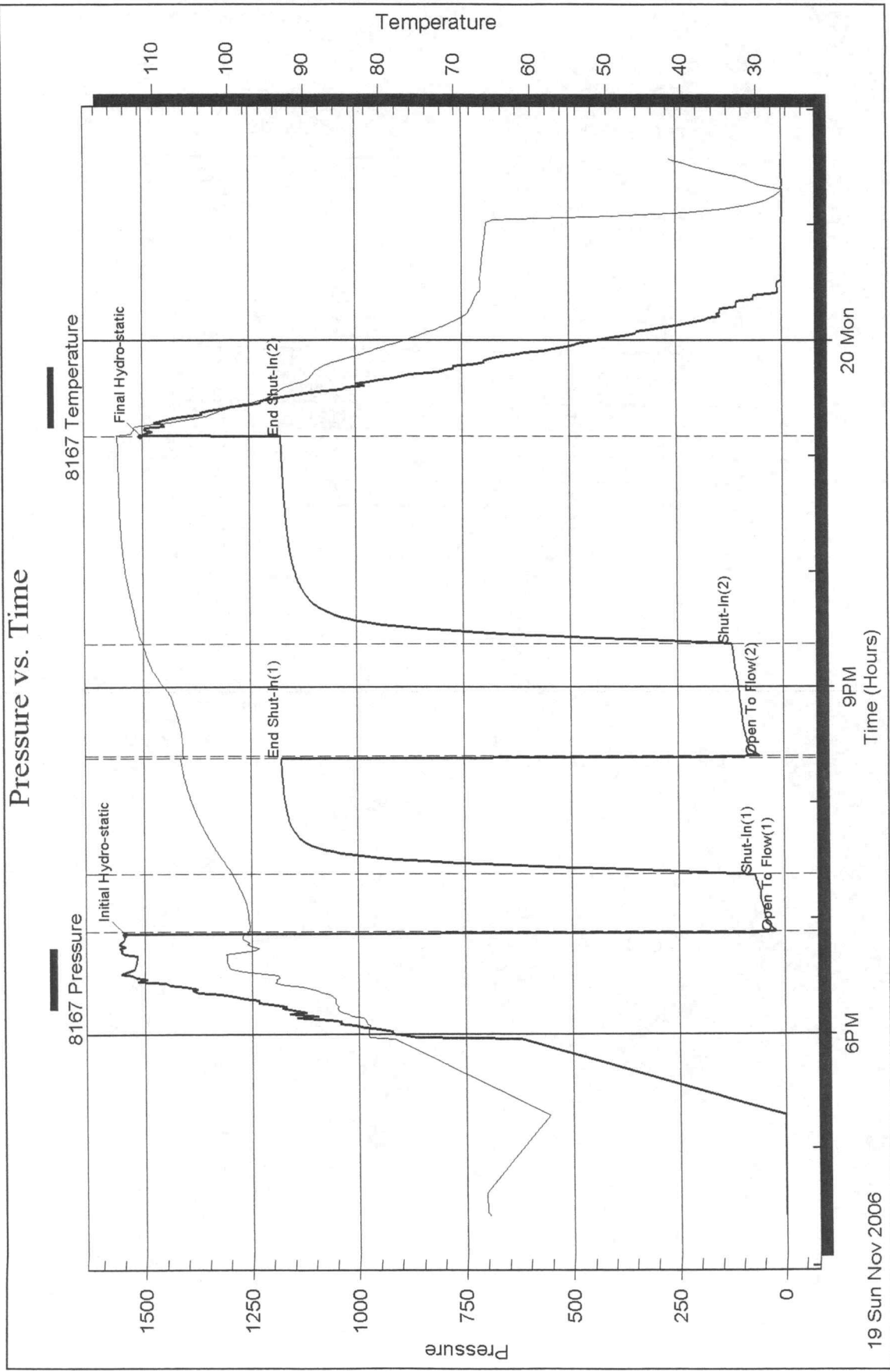
2 26S 18W Edwards KS

MTM Petroleum Inc

Inside

Serial #: 8167

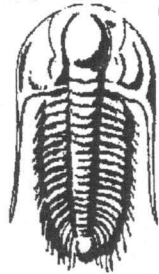
Pressure vs. Time



Ref. No: 26383

Trilobite Testing, Inc

Printed: 2006.11.28 @ 13:26:16 Page 6



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

2 26S 18W Edwards KS

Wildhorse Farms #1

Start Date: 2006.11.20 @ 22:44:32

End Date: 2006.11.21 @ 07:28:02

Job Ticket #: 26384 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

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26384 **DST#: 3**

Test Start: 2006.11.20 @ 22:44:32

GENERAL INFORMATION:

Formation: **Lecompton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:31:47

Time Test Ended: 07:28:02

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 3718.00 ft (KB) To 3745.00 ft (KB) (TVD)

Total Depth: 3745.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2158.00 ft (KB)

2150.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 167.74 psig @ 3719.00 ft (KB)

Start Date: 2006.11.20

End Date: 2006.11.21

Start Time: 22:44:37

End Time: 07:28:02

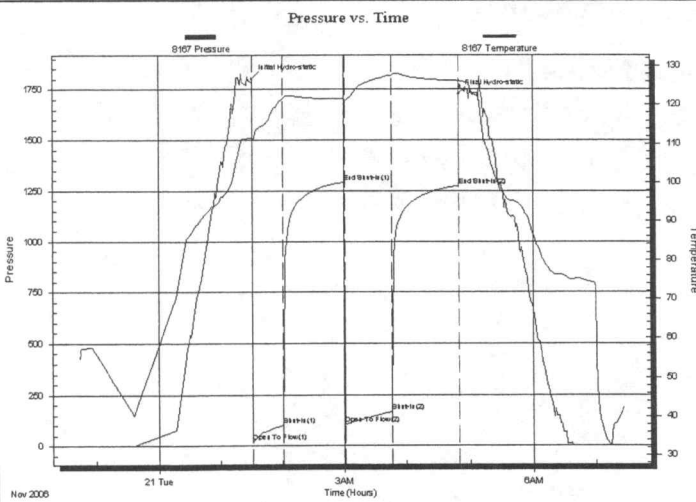
Capacity: 7000.00 psig

Last Calib.: 2006.11.21

Time On Btm: 2006.11.21 @ 01:31:32

Time Off Btm: 2006.11.21 @ 04:50:16

TEST COMMENT: IF Fair blow Slow increase to 10 1/2 "
ISI No blow
FF Weak to fair blow Slow increase to 7 "
FSI No blow



PRESSURE SUMMARY

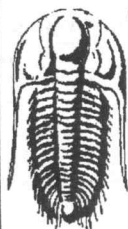
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1802.15 | 111.53 | Initial Hydro-static |
| 1 | 21.02 | 111.07 | Open To Flow (1) |
| 30 | 100.93 | 121.61 | Shut-In(1) |
| 89 | 1292.69 | 121.64 | End Shut-In(1) |
| 90 | 104.43 | 121.28 | Open To Flow (2) |
| 135 | 167.74 | 127.61 | Shut-In(2) |
| 199 | 1274.81 | 126.17 | End Shut-In(2) |
| 199 | 1728.04 | 126.28 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 180.00 | SW Rw .16 OHMS@ 62 deg. | 1.43 |
| 130.00 | MW 15%M 85%W | 1.82 |
| 1.00 | Clean Oil | 0.01 |
| 0.00 | 110 ft. of GIP | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26384

DST#: 3

ATTN: Ben Landes

Test Start: 2006.11.20 @ 22:44:32

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 3606.00 ft | Diameter: 3.80 inches | Volume: 50.58 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: 24000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 66000.00 lb |
| | | | <u>Total Volume: 51.17 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 33.00 ft | | | String Weight: Initial 49000.00 lb |
| Depth to Top Packer: | 3718.00 ft | | | Final 49500.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 27.00 ft | | | |
| Tool Length: | 52.00 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 | | | 3694.00 | |
| Shut In Tool | 5.00 | | | 3699.00 | |
| Sampler | 3.00 | | | 3702.00 | |
| Hydraulic tool | 5.00 | | | 3707.00 | |
| Safety Joint | 2.00 | | | 3709.00 | |
| Packer | 4.00 | | | 3713.00 | 25.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3718.00 | |
| Stubb | 1.00 | | | 3719.00 | |
| Recorder | 0.00 | 8167 | Inside | 3719.00 | |
| Perforations | 21.00 | | | 3740.00 | |
| Recorder | 0.00 | 11019 | Outside | 3740.00 | |
| Bullnose | 5.00 | | | 3745.00 | 27.00 Bottom Packers & Anchor |

Total Tool Length: 52.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26384 **DST#: 3**

ATTN: Ben Landes

Test Start: 2006.11.20 @ 22:44:32

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|-----------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: lb/gal | Cushion Length: ft | Water Salinity: | 56000 ppm |
| Viscosity: 45.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 8.77 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 10000.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------------------|---------------|
| 180.00 | SW Rw .16 OHMS@ 62 deg. | 1.432 |
| 130.00 | MW 15%M 85%W | 1.824 |
| 1.00 | Clean Oil | 0.014 |
| 0.00 | 110 ft. of GIP | 0.000 |

Total Length: 311.00 ft Total Volume: 3.270 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments: SAMPLER DATA:10 ML. oil ,90 ML. mud ,3400 ML. w tr. a trace of gas @878 psi.

Serial #: 8167

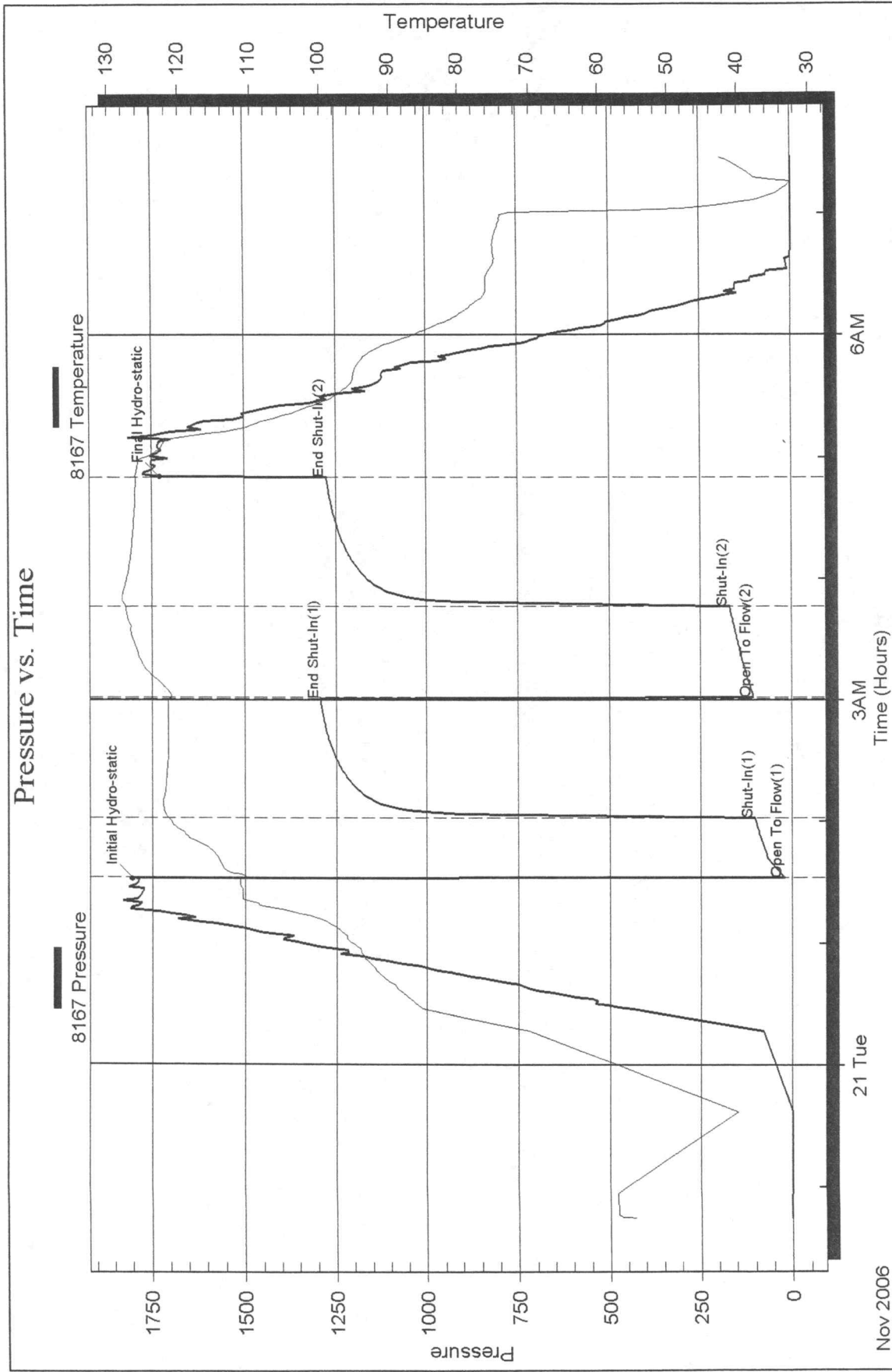
Inside

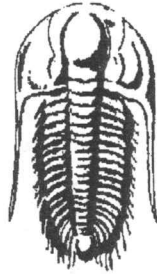
MTM Petroleum Inc

2 26S 18W Edwards KS

DST Test Number: 3

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

2 26S 18W Edwards KS

Wildhorse Farms #1

Start Date: 2006.11.21 @ 16:13:07

End Date: 2006.11.22 @ 00:41:52

Job Ticket #: 26385 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

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26385

DST#: 4

Test Start: 2006.11.21 @ 16:13:07

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:25:52

Time Test Ended: 00:41:52

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3763.00 ft (KB) To 3805.00 ft (KB) (TVD)**

Total Depth: 3805.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2158.00 ft (KB)

2150.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 476.15 psig @ 3764.00 ft (KB)

Start Date: 2006.11.21

End Date:

2006.11.22

Capacity: 7000.00 psig

Last Calib.: 2006.11.22

Start Time: 16:13:12

End Time:

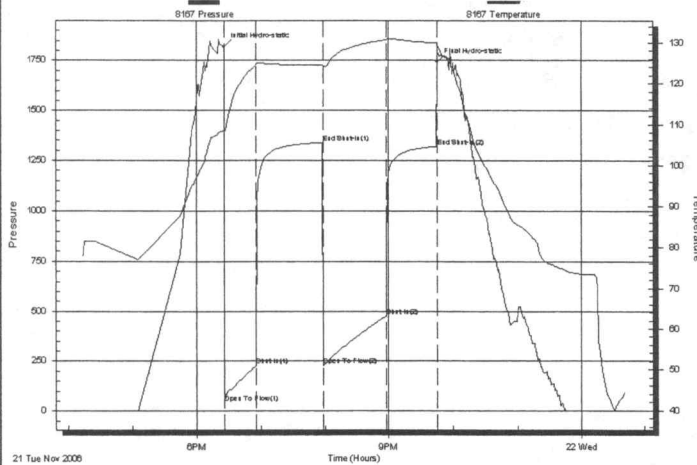
00:41:51

Time On Btm: 2006.11.21 @ 18:25:37

Time Off Btm: 2006.11.21 @ 21:45:21

TEST COMMENT: IF Fair to strong blow BOB in 9.5 mins.
ISI No blow
FF Fair to strong blow BOB in 12 mins.
FSI

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1818.91 | 108.48 | Initial Hydro-static |
| 1 | 40.45 | 108.04 | Open To Flow (1) |
| 31 | 229.57 | 124.44 | Shut-In(1) |
| 93 | 1338.89 | 124.50 | End Shut-In(1) |
| 94 | 229.66 | 124.20 | Open To Flow (2) |
| 152 | 476.15 | 130.68 | Shut-In(2) |
| 200 | 1319.81 | 129.88 | End Shut-In(2) |
| 200 | 1743.67 | 130.00 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 750.00 | SW Rw .11 OHMS@49 deg | 9.43 |
| 200.00 | MW 27% _m 73% _w | 2.81 |
| 0.00 | Trace of GIP | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26385

DST#: 4

ATTN: Ben Landes

Test Start: 2006.11.21 @ 16:13:07

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------|-------------|
| Drill Pipe: | Length: 3639.00 ft | Diameter: 3.80 inches | Volume: 51.05 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: | 25000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: | 60000.00 lb |
| | | | <u>Total Volume: 51.64 bbl</u> | Tool Chased | 0.00 ft |
| Drill Pipe Above KB: | 21.00 ft | | | String Weight: Initial | 50000.00 lb |
| Depth to Top Packer: | 3763.00 ft | | | Final | 50000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 42.00 ft | | | | |
| Tool Length: | 67.00 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 | | | 3739.00 | |
| Shut In Tool | 5.00 | | | 3744.00 | |
| Sampler | 3.00 | | | 3747.00 | |
| Hydraulic tool | 5.00 | | | 3752.00 | |
| Safety Joint | 2.00 | | | 3754.00 | |
| Packer | 4.00 | | | 3758.00 | 25.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 3763.00 | |
| Stubb | 1.00 | | | 3764.00 | |
| Recorder | 0.00 | 8167 | Inside | 3764.00 | |
| Perforations | 36.00 | | | 3800.00 | |
| Recorder | 0.00 | 11019 | Outside | 3800.00 | |
| Bullnose | 5.00 | | | 3805.00 | 42.00 Bottom Packers & Anchor |
| Total Tool Length: | 67.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26385 **DST#: 4**

ATTN: Ben Landes

Test Start: 2006.11.21 @ 16:13:07

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: 104000 ppm | |
| Viscosity: 50.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 9.57 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 11000.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------------------|---------------|
| 750.00 | SW Rw .11 OHMS@49 deg | 9.427 |
| 200.00 | MW 27% _m 73% _w | 2.805 |
| 0.00 | Trace of GIP | 0.000 |

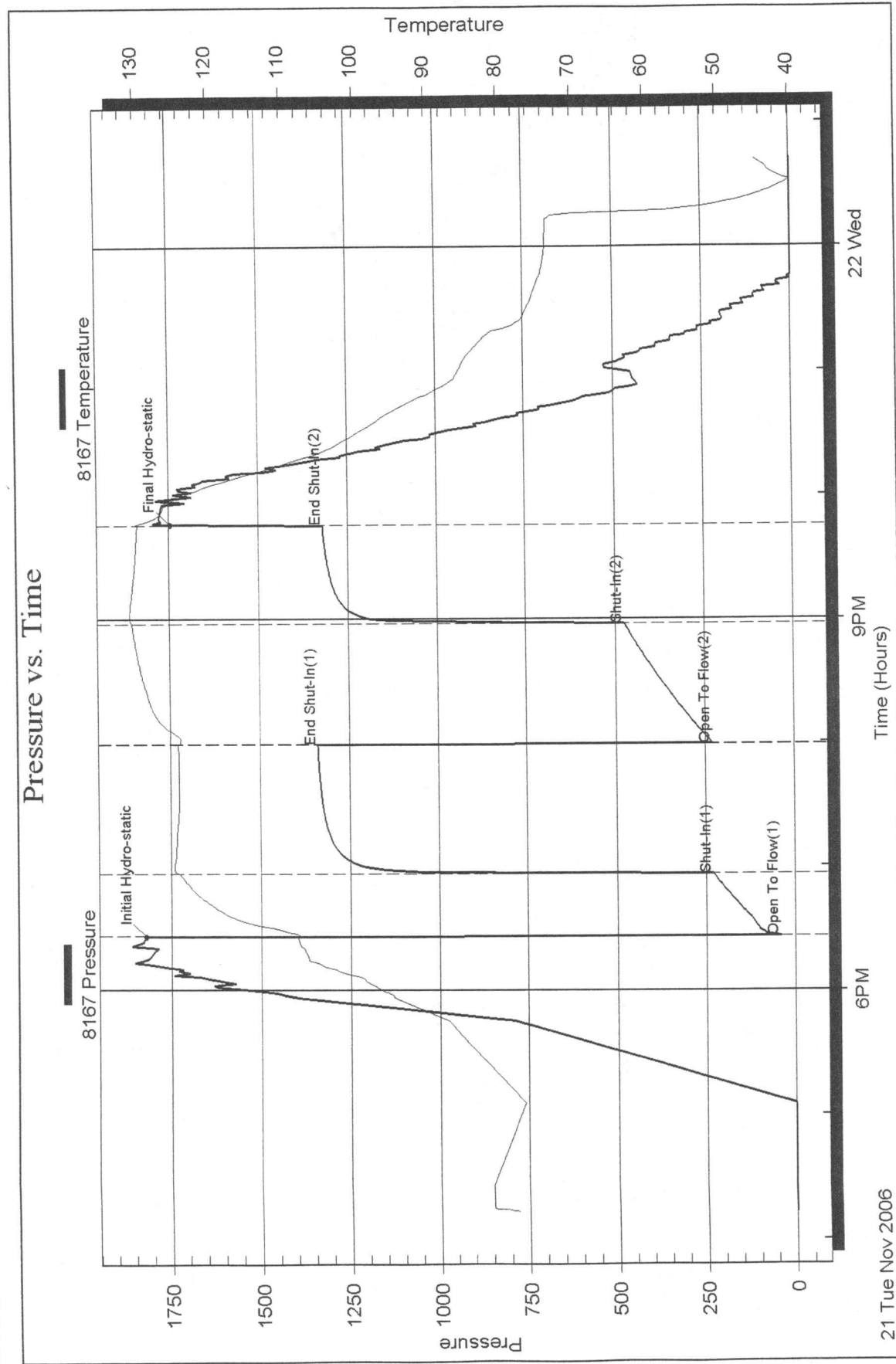
Total Length: 950.00 ft Total Volume: 12.232 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments: SAMPLER DATA:3600 Ml. of SW @ 910 psi.

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

2 26S 18W Edwards KS

Wildhorse Farms #1

Start Date: 2006.11.24 @ 02:54:20

End Date: 2006.11.24 @ 13:24:50

Job Ticket #: 26386 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

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26386 **DST#: 5**

Test Start: 2006.11.24 @ 02:54:20

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 05:37:35

Time Test Ended: 13:24:50

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4487.00 ft (KB) To 4533.00 ft (KB) (TVD)**

Total Depth: 4533.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: **Poor**

Reference Elevations: 2158.00 ft (KB)

2150.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 474.74 psig @ 4488.00 ft (KB)

Start Date: 2006.11.24

End Date: 2006.11.24

Start Time: 02:54:25

End Time: 13:24:50

Capacity: 7000.00 psig

Last Calib.: 2006.11.24

Time On Btm: 2006.11.24 @ 05:35:50

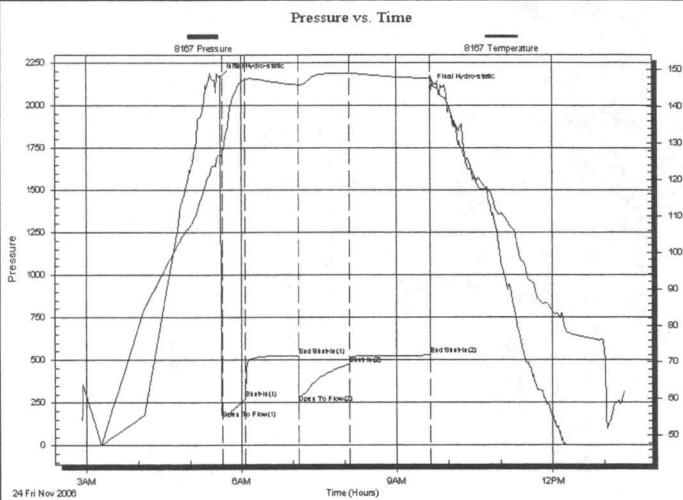
Time Off Btm: 2006.11.24 @ 09:39:34

TEST COMMENT: IF Strong blow GTS in 6 mins (see gas flow report)

ISI Weak to fair blow 1- 6 "

FF Strong blow (see gas flow report)

FSI Weak to fair blow 1- 7 "



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2166.59 | 126.83 | Initial Hydro-static |
| 2 | 157.56 | 127.03 | Open To Flow (1) |
| 29 | 271.93 | 147.37 | Shut-In(1) |
| 91 | 526.93 | 145.94 | End Shut-In(1) |
| 91 | 248.17 | 145.77 | Open To Flow (2) |
| 150 | 474.74 | 149.05 | Shut-In(2) |
| 244 | 527.45 | 147.67 | End Shut-In(2) |
| 244 | 2103.42 | 148.40 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 815.00 | SW Rw .075 OHMS @ 66 deg | 10.34 |
| 205.00 | GCMW 8%G 17%M 75%W | 2.88 |
| | | |
| | | |
| | | |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|----------------|----------------|-----------------|------------------|
| First Gas Rate | 0.50 | 6.00 | 137.61 |
| Last Gas Rate | 0.25 | 6.00 | 32.36 |
| Max. Gas Rate | 0.13 | 18.00 | 12.13 |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26386

DST#: 5

ATTN: Ben Landes

Test Start: 2006.11.24 @ 02:54:20

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4350.00 ft | Diameter: 3.80 inches | Volume: 61.02 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: 24000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 70000.00 lb |
| | | | <u>Total Volume: 61.61 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 8.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4487.00 ft | | | Final 60500.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 46.00 ft | | | |
| Tool Length: | 71.00 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 | | | 4463.00 | |
| Shut In Tool | 5.00 | | | 4468.00 | |
| Sampler | 3.00 | | | 4471.00 | |
| Hydraulic tool | 5.00 | | | 4476.00 | |
| Safety Joint | 2.00 | | | 4478.00 | |
| Packer | 4.00 | | | 4482.00 | 25.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4487.00 | |
| Stubb | 1.00 | | | 4488.00 | |
| Recorder | 0.00 | 8167 | Inside | 4488.00 | |
| Perforations | 7.00 | | | 4495.00 | |
| Change Over Sub | 1.00 | | | 4496.00 | |
| Blank Spacing | 31.00 | | | 4527.00 | |
| Change Over Sub | 1.00 | | | 4528.00 | |
| Recorder | 0.00 | 11019 | Outside | 4528.00 | |
| Bullnose | 5.00 | | | 4533.00 | 46.00 Bottom Packers & Anchor |

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26386 **DST#: 5**

ATTN: Ben Landes

Test Start: 2006.11.24 @ 02:54:20

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: | 116000 ppm |
| Viscosity: 53.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 10.17 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 7500.00 ppm | | | |
| Filter Cake: 0.20 inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 815.00 | SW Rw .075 OHMS @ 66 deg | 10.339 |
| 205.00 | GCMV 8%G 17%M 75%W | 2.876 |

Total Length: 1020.00 ft Total Volume: 13.215 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-5

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: SAMPLER DATA: 3600 ML. w tr/trace of Gas /trace of Mud /LCM
& Cuttings @ 405 PSI.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

Job Ticket: 26386

DST#: 5

ATTN: Ben Landes

Test Start: 2006.11.24 @ 02:54:20

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 | 6.00 | 137.61 |
| 1 | 20 | 0.38 | 12.00 | 96.71 |
| 1 | 30 | 0.38 | 13.00 | 100.37 |
| 2 | 10 | 0.13 | 6.00 | 7.64 |
| 2 | 20 | 0.13 | 13.00 | 10.26 |
| 2 | 30 | 0.13 | 18.00 | 12.13 |
| 2 | 40 | 0.25 | 11.00 | 40.30 |
| 2 | 50 | 0.25 | 8.00 | 35.54 |
| 2 | 60 | 0.25 | 6.00 | 32.36 |

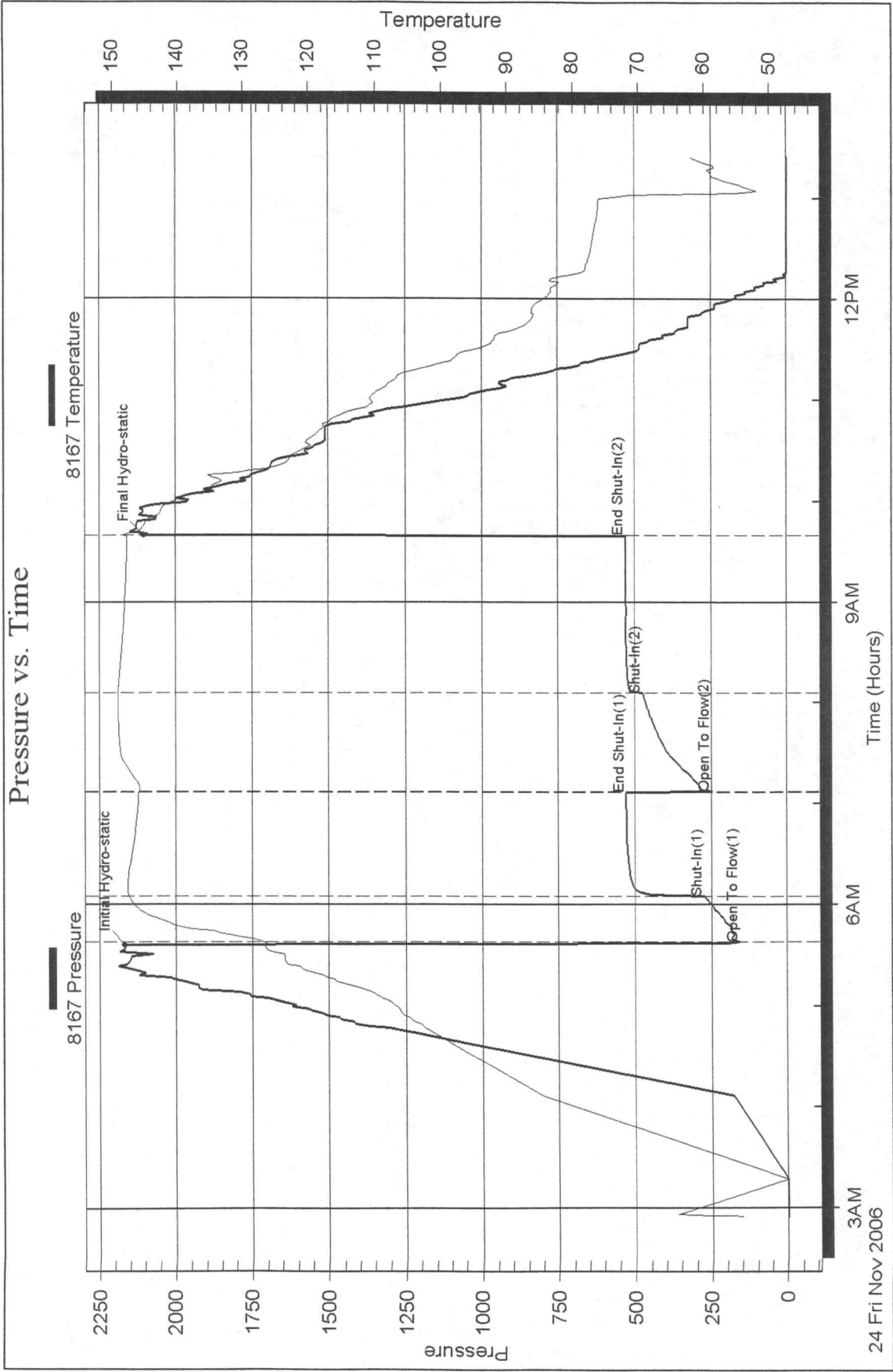
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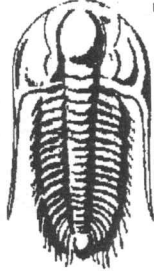
Inside

MTM Petroleum Inc

2 26S 18W Edwards KS

DST Test Number: 5





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

2 26S 18W Edwards KS

Wildhorse Farms #1

Start Date: 2006.11.25 @ 00:35:21

End Date: 2006.11.25 @ 11:07:36

Job Ticket #: 26387 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

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26387

DST#: 6

Test Start: 2006.11.25 @ 00:35:21

GENERAL INFORMATION:

Formation: **Kinderhook**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:15:21

Time Test Ended: 11:07:36

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4541.00 ft (KB) To 4595.00 ft (KB) (TVD)**

Total Depth: 3805.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2158.00 ft (KB)

2150.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167

Inside

Press@RunDepth: 51.31 psig @ 4542.00 ft (KB)

Start Date: 2006.11.25

End Date: 2006.11.25

Start Time: 00:35:26

End Time: 11:07:36

Capacity: 7000.00 psig

Last Calib.: 2006.11.25

Time On Btm: 2006.11.25 @ 04:14:36

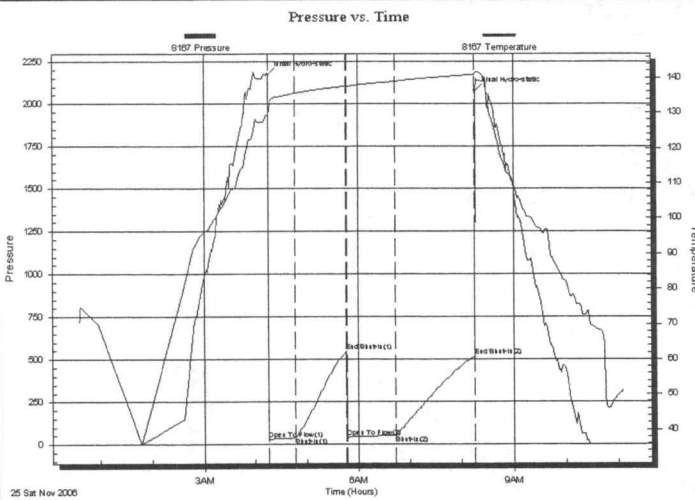
Time Off Btm: 2006.11.25 @ 08:15:50

TEST COMMENT: IF Fair to strong blow BOB in 28 mins.

ISI No blow

FF Fair blow Slow increase to 9 "

FSI No blow



PRESSURE SUMMARY

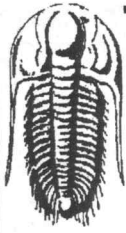
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2174.16 | 129.29 | Initial Hydro-static |
| 1 | 30.35 | 129.54 | Open To Flow (1) |
| 33 | 39.40 | 135.52 | Shut-In(1) |
| 92 | 544.57 | 137.53 | End Shut-In(1) |
| 92 | 42.73 | 137.36 | Open To Flow(2) |
| 149 | 51.31 | 138.81 | Shut-In(2) |
| 241 | 518.25 | 140.83 | End Shut-In(2) |
| 242 | 2075.32 | 141.22 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 62.00 | Drig.mud (good odor) | 0.30 |
| 0.00 | 305 ft of GIP | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Ben Landes

Wildhorse Farms #1

2 26S 18W Edwards KS

Job Ticket: 26387

DST#: 6

Test Start: 2006.11.25 @ 00:35:21

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4413.00 ft | Diameter: 3.80 inches | Volume: 61.90 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: 24000.00 lb |
| Drill Collar: | Length: 120.00 ft | Diameter: 2.25 inches | Volume: 0.59 bbl | Weight to Pull Loose: 71000.00 lb |
| | | | <u>Total Volume: 62.49 bbl</u> | Tool Chased 7.00 ft |
| Drill Pipe Above KB: | 17.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4541.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 54.00 ft | | | |
| Tool Length: | 79.00 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 | | | 4517.00 | |
| Shut In Tool | 5.00 | | | 4522.00 | |
| Sampler | 3.00 | | | 4525.00 | |
| Hydraulic tool | 5.00 | | | 4530.00 | |
| Safety Joint | 2.00 | | | 4532.00 | |
| Packer | 4.00 | | | 4536.00 | 25.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4541.00 | |
| Stubb | 1.00 | | | 4542.00 | |
| Recorder | 0.00 | 8167 | Inside | 4542.00 | |
| Perforations | 3.00 | | | 4545.00 | |
| Change Over Sub | 1.00 | | | 4546.00 | |
| Blank Spacing | 31.00 | | | 4577.00 | |
| Change Over Sub | 1.00 | | | 4578.00 | |
| Perforations | 12.00 | | | 4590.00 | |
| Recorder | 0.00 | 11019 | Outside | 4590.00 | |
| Bullnose | 5.00 | | | 4595.00 | 54.00 Bottom Packers & Anchor |
| Total Tool Length: | 79.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

Wildhorse Farms #1

PO Box 82
Spivey KS 67142

2 26S 18W Edwards KS

ATTN: Ben Landes

Job Ticket: 26387

DST#: 6

Test Start: 2006.11.25 @ 00:35:21

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 10.19 in³

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 8000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------------|---------------|
| 62.00 | Drig.mud (good odor) | 0.305 |
| 0.00 | 305 ft of GIP | 0.000 |

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

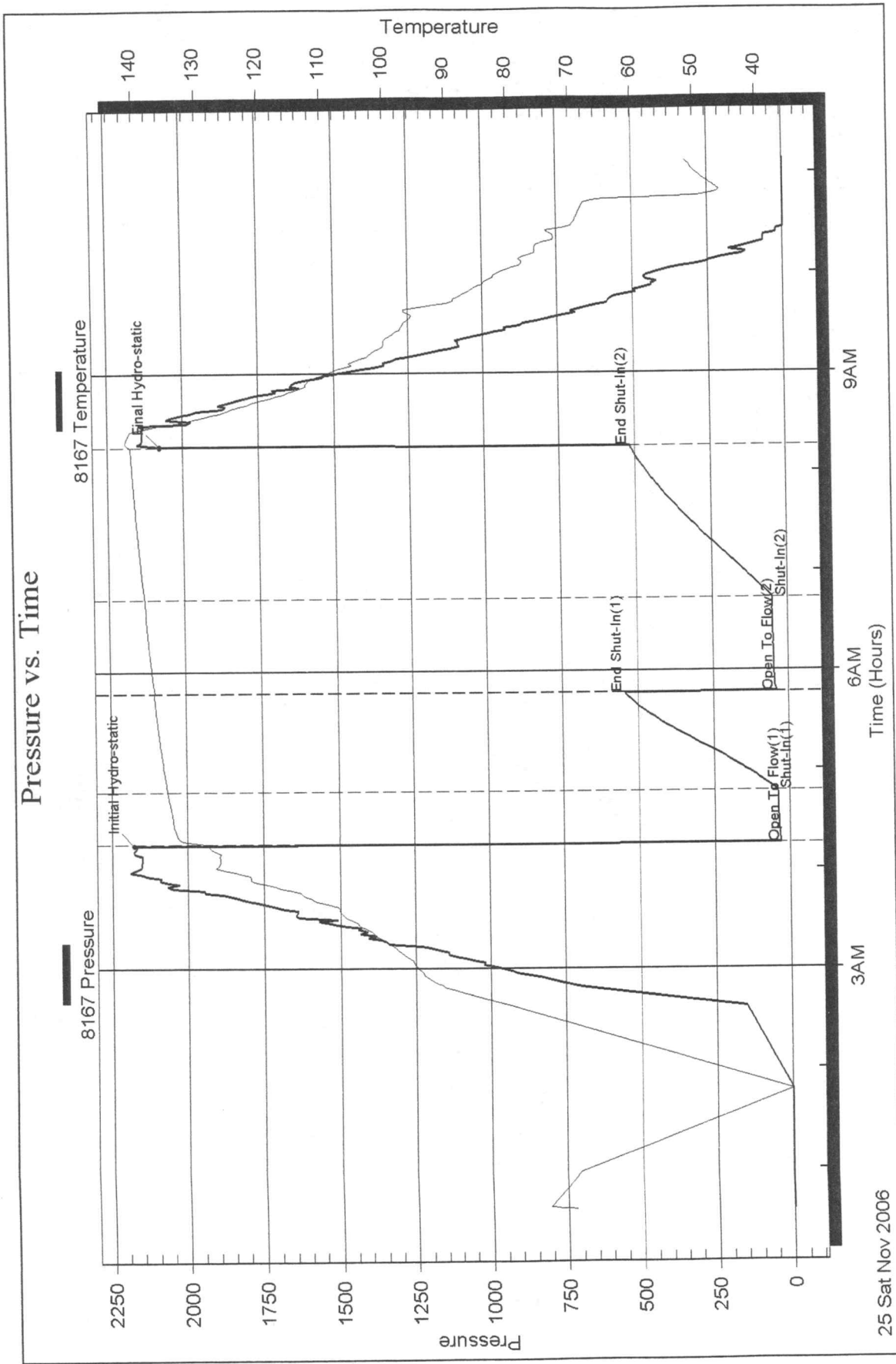
Serial #: none

Laboratory Name:

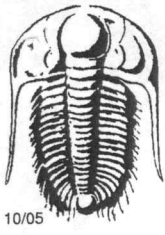
Laboratory Location:

Recovery Comments: Sampler Data: .1 cubic ft. gas / 2780 ML. mud / LCM @155 PSI.

Pressure vs. Time



25 Sat Nov 2006



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9552

26130

Test Ticket

Well Name & No. Wildhorse Farm #1 Test No. 1 Date 11-18-06
 Company MTM Petro. Zone Tested Langdon Sand
 Address P.O. Box 82 Spivey, K 67142 Elevation 2158 KB 2150 GL
 Co. Rep / Geo. Ben Landis Rig Warren 17
 Location: Sec. 2 Twp. 26^s Rge. 18^w Co. Edward State K
 Comment: _____ Release date / time: _____

Interval Tested 3142-3219 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length 77 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 53,000
 Top Packer Depth 3137 Tool Weight 2500
 Bottom Packer Depth 3142 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3219 Wt. Pipe Run - Drill Collar Run 116
 Mud Wt. 9.5 LCM _____ Vis. 34 WL N/C Drill Pipe Size 4 1/2 X 4 Ft. Run 3024
 Blow Description IFP- Bob 1:30 GTS 25 min.
ISI- 6 1/2 blow back
FFP- BOB open
PSI- BOB 50 min.

Recovery - Total Feet 650 GIP GTS 25 min Ft. in DC 116 Ft. in DP 534
 Rec. 270 Feet of mud %gas _____ %oil _____ %water 100 %mud _____
 Rec. 250 Feet of GWM 10 %gas _____ %oil _____ 10 %water 80 %mud _____
 Rec. 130 Feet of GWM 10 %gas _____ %oil _____ 30 %water 60 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 111 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1,358 @ 45 °F Chlorides 31,000 ppm Recovery _____ Chlorides 33,000 ppm System

| AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|-----------------|----------------------------------|---|
| (A) Initial Hydrostatic Mud | <u>1550</u> PSI | <u>6769</u> | <input checked="" type="checkbox"/> <u>1100</u> |
| (B) First Initial Flow Pressure | <u>257</u> PSI | (depth) <u>3148</u> | Jars <input checked="" type="checkbox"/> <u>250</u> |
| (C) First Final Flow Pressure | <u>237</u> PSI | Recorder No. <u>13548</u> | Safety Jt. <input checked="" type="checkbox"/> <u>75</u> |
| (D) Initial Shut-In Pressure | <u>1105</u> PSI | (depth) <u>3216</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | <u>371</u> PSI | Recorder No. _____ | Sampler <input checked="" type="checkbox"/> <u>250</u> |
| (F) Second Final Flow Pressure | <u>359</u> PSI | (depth) _____ | Straddle _____ |
| (G) Final Shut-In Pressure | <u>1129</u> PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | <u>1400</u> PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | Final Flow <u>60</u> | Ruined Packer _____ |
| | | Final Shut-In <u>90</u> | Mileage <input checked="" type="checkbox"/> <u>94</u> <u>117.5079</u> |
| | | T-On Location <u>1206</u> | Sub Total: <u>1792.50</u> |
| | | T-Started <u>1254</u> | Std. By <u>3hr</u> <u>300</u> |
| | | T-Open <u>1551</u> | Acc. Chg: _____ |
| | | T-Pulled <u>1951</u> | Other: _____ |
| | | T-Out <u>2309</u> | Total: <u>2092.50</u> |

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Approved By _____
 Our Representative Brian Fairbank (Thank)



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26130 Date 11-18-06
 Company Name MTM Petroleum
 Lease Wildhorse Farms #1 Test No. 1
 County Edwards Sec. 2 Twp. 26^s Rng. 18^w

SAMPLER RECOVERY

PIT MUD ANALYSIS

| | | | | | |
|----------|-------------|----|-------------|---------------|----------------|
| Gas | <u>4000</u> | ML | Chlorides | <u>33,000</u> | ppm. |
| Oil | | ML | Resistivity | | ohms @ _____ F |
| Mud | | ML | Viscosity | <u>34</u> | |
| Water | | ML | Mud Weight | <u>9.5</u> | |
| Other | | ML | Filtrate | <u>N/C</u> | |
| Pressure | <u>650</u> | ML | Other | | |
| Total | <u>4000</u> | ML | | | |

SAMPLER ANALYSIS

PIPE RECOVERY

Resistivity _____ ohms @ _____ F
 Chlorides _____ ppm.
 Gravity _____ corrected @60F

TOP
 Resistivity 1358 ohms @ 45 F
 Chlorides 31,000 ppm.

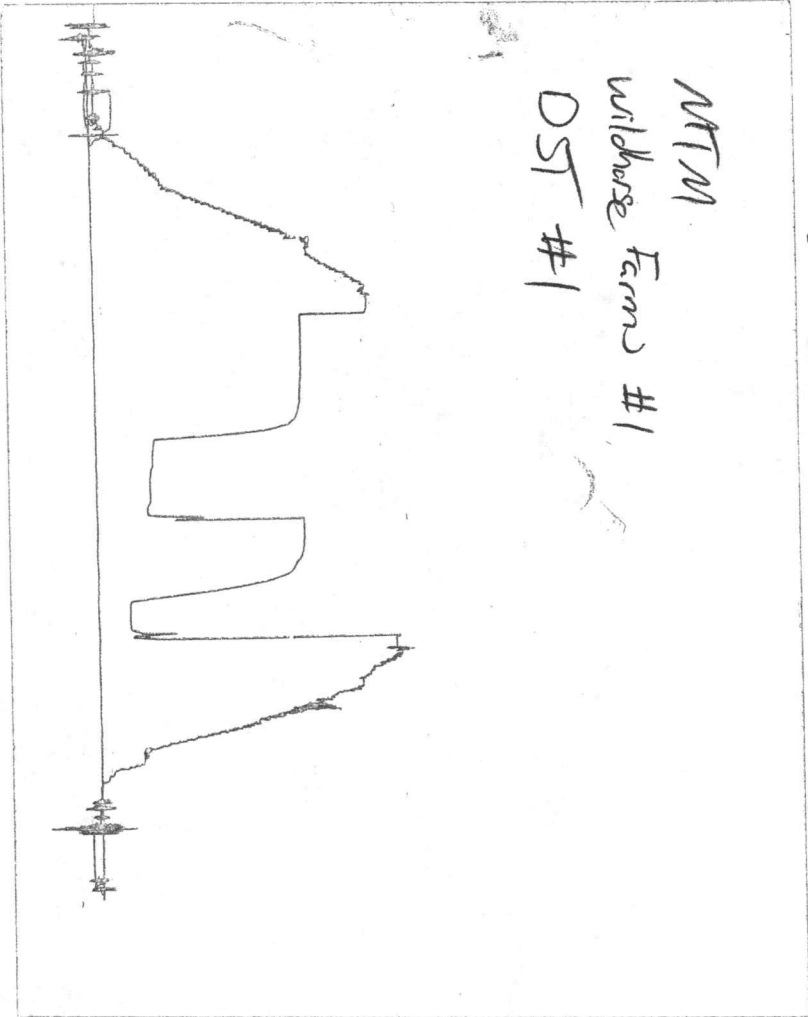
MIDDLE
 Resistivity 1358 ohms @ 45 F
 Chlorides 31,000 ppm.

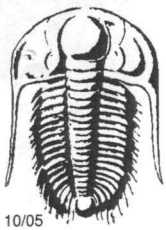
BOTTOM
 Resistivity 1358 ohms @ 45 F
 Chlorides 31,000 ppm.

CHART PAGE

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

NTM
Wildhorse Farms #1
DST #1





TRILOBITE TESTING INC.

26383

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Wildhorse Farms #1 Test No. 2 Date 11-19-06
 Company MTM Pet. Inc. Zone Tested Howard
 Address P.O. Box 82, Spivey Co. 67142 Elevation 2158 KB 2150 GL
 Co. Rep / Geo. Ben Landes Rig Warren Dlg. #17
 Location: Sec. 2 Twp. 26^s Rge. 18^w Co. Edwards State Ks.
 Comment: _____ Release date / time: _____

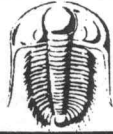
Interval Tested 3377 - 3415' Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 47,000
 Anchor Length 38' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 3372' Tool Weight 2100^{II}
 Bottom Packer Depth 3377' Hole Size 7 7/8" Rubber Size 6 3/4" ✓
 Total Depth 3415' Wt. Pipe Run None Drill Collar Run 120
 Mud Wt. 8.8 LCM 0 Vis. 54 WL 9.6cc Drill Pipe Size 4 1/2" Ft. Run 3235
 Blow Description IF: Strong blow. D.O.B. in 50 secs. BTS in 20 mins. (see gas flow report)
FF: Strong blow. (see gas flow report) FSI: No below.

Recovery - Total Feet 260 GIP Yes Ft. in DC 120 Ft. in DP 140
 Rec. 80 Feet of GCM 18 %gas %oil %water 82 %mud
 Rec. 180 Feet of MW %gas %oil 76 %water 24 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 115 °F Gravity N/A °API D @ ~ °F Corrected Gravity N/A °API
 RW .14 @ 50 °F Chlorides 61,000 ppm Recovery _____ Chlorides 2300 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|--------|--------------------|-----------------------------|
| (A) Initial Hydrostatic Mud | 1558 | PSI | 8167 | ✓ 1100 |
| (B) First Initial Flow Pressure | 29 | PSI | (depth) 3378' | Jars |
| (C) First Final Flow Pressure | 71 | PSI | Recorder No. 11019 | Safety Jt. ✓ 75 |
| (D) Initial Shut-In Pressure | 1178 | PSI | (depth) 3410' | Circ Sub |
| (E) Second Initial Flow Pressure | 39 | PSI | Recorder No. ~ | Sampler ✓ 250 |
| (F) Second Final Flow Pressure | 122 | PSI | (depth) ~ | Straddle |
| (G) Final Shut-In Pressure | 1175 | PSI | Initial Opening 30 | Ext. Packer |
| (Q) Final Hydrostatic Mud | 1496 | PSI | Initial Shut-In 60 | Shale Packer |
| | | | Final Flow 60 | Ruined Packer |
| | | | Final Shut-In 90 | Mileage <u>940</u> 117.5 |
| | | | T-On Location 1540 | Sub Total: 1542.5 |
| | | | T-Started 1625 | Std. By: <u>175</u> ✓ 175.0 |
| | | | T-Open 1852 | Acc. Chg: |
| | | | T-Pulled 2258 | Other: |
| | | | T-Out 0134 | Total: 1717.0 |

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Approved By _____
 Our Representative Craig Swartz



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26383 Date 11-19-06

Company Name MTM Puth, Inc.

Lease Wildhorse Farms #1 Test No. 2

County Edwards Ks. Sec. 2 Twp. 26^S Rng. 18^W

SAMPLER RECOVERY

Gas 14 cubic ft. ~~ML~~ Chlorides 2,300 ppm.

Oil 0 ML Resistivity N/A ohms @ 2 F

Mud trace ML Viscosity 54

Water 3050 ML Mud Weight 8.8

Other ~ ML Filtrate 9.6 cc

Pressure 545 ~~ML~~ Other _____

Total 3050 ML _____

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity ~~14~~ 14 ohms @ 50 F TOP 80 GCM

Chlorides 61,000 ppm. Resistivity N/A ohms @ ~ F

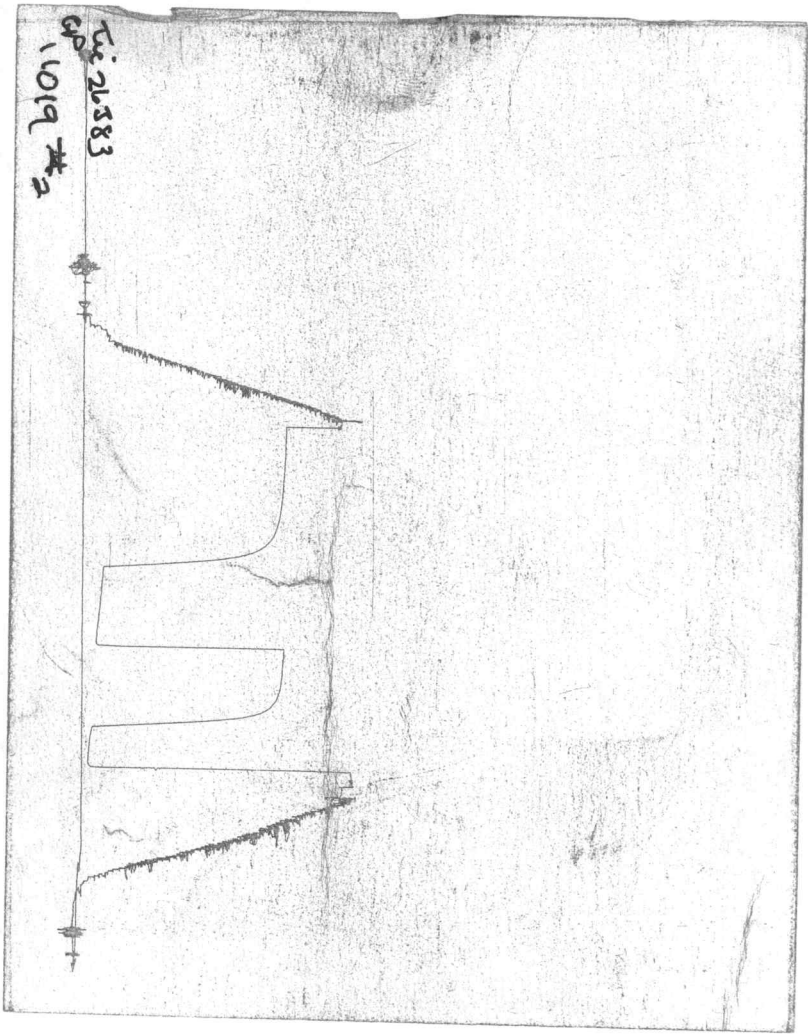
Gravity N/A corrected @60F Chlorides N/A ppm.

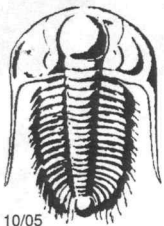
MIDDLE Resistivity _____ ohms @ _____ F
Chlorides _____ ppm.

BOTTOM 180' MW
Resistivity 14 ohms @ 50 F
Chlorides 61,000 ppm.

CHART PAGE

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





TRILOBITE TESTING INC.

26384

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Wildhorse Farms #1 Test No. 3 Date 11-20-06
 Company MTM Peth. Inc. Zone Tested LeCompton
 Address P.O. Box 82, Spivey Ks. 67142 Elevation 2158 KB 2150 GL
 Co. Rep / Geo. Ben Landes Rig Warren Joly #17
 Location: Sec. 2 Twp. 26S Rge. 18W Co. Edwards State Ks.
 Comment: _____ Release date / time: _____

Interval Tested 3718 - 3745' Initial Str Wt./Lbs. 49,000 Unseated Str Wt./Lbs. 49,500
 Anchor Length 27' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 66,000
 Top Packer Depth 3713' Tool Weight 2100#
 Bottom Packer Depth 3718' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3745' Wt. Pipe Run None Drill Collar Run 120
 Mud Wt. 9.1 LCM 0 Vis. 45 WL 8.8cc Drill Pipe Size 4 1/2" Ft. Run 3600
 Blow Description IF: Fair blow, slow increase to 10 1/2"
ISI: No blow.
FF: Weak to fair blow, slow increase to 7". FSI: No blow

Recovery - Total Feet 311 GIP 110 Ft. in DC 120 Ft. in DP 191
 Rec. 1 Feet of Ann Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 130 Feet of MW %gas _____ %oil 85 %water 15 %mud _____
 Rec. 180 Feet of SW %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 126 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API
 RW 116 @ 62 °F Chlorides 54,000 ppm Recovery _____ Chlorides 10,000 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|----------------------------------|--------------------------|
| (A) Initial Hydrostatic Mud | | <u>1788</u> PSI | <u>8167</u> | <u>1100.0</u> |
| (B) First Initial Flow Pressure | | <u>21</u> PSI | (depth) <u>3719'</u> | Jars _____ |
| (C) First Final Flow Pressure | | <u>101</u> PSI | Recorder No. <u>11019</u> | Safety Jt. <u>75.0</u> |
| (D) Initial Shut-In Pressure | | <u>1293</u> PSI | (depth) <u>3740'</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | | <u>104</u> PSI | Recorder No. _____ | Sampler <u>250.0</u> |
| (F) Second Final Flow Pressure | | <u>148</u> PSI | (depth) <u>~</u> | Straddle _____ |
| (G) Final Shut-In Pressure | | <u>1275</u> PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | | <u>1281</u> PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | | Final Flow <u>45</u> | Ruined Packer _____ |
| | | | Final Shut-In <u>60</u> | Mileage <u>1175.0</u> |
| | | | T-On Location <u>2230</u> | Sub Total: <u>1542.0</u> |
| | | | T-Started <u>2244</u> | Std. By <u>100.0</u> |
| | | | T-Open <u>0131</u> | Acc. Chg: _____ |
| | | | T-Pulled <u>0450</u> | Other: _____ |
| | | | T-Out <u>0728</u> | Total: <u>1642.0</u> |

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Approved By _____
 Our Representative Gary Pawlenty



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26384 Date 11-20-06
 Company Name MTM Peth. Inc.
 Lease Wildhorse Farms #1 Test No. 3
 County Edwards Ks. Sec. 2 Twp. 26 S Rng. 18 W

SAMPLER RECOVERY

Gas Trace ~~ML~~
 Oil 10 ML
 Mud 90 ML
 Water 3400 ML
 Other --- ML
 Pressure 878 PSI ~~ML~~
 Total 3500 ML

PIT MUD ANALYSIS

Chlorides 10,000 ppm.
 Resistivity N/C ohms @ --- F
 Viscosity 45
 Mud Weight 9.1
 Filtrate 8.8 cc.
 Other _____

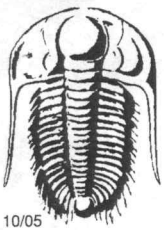
SAMPLER ANALYSIS

Resistivity .15 ohms @ 63 F
 Chlorides 57,000 ppm.
 Gravity N/A corrected @60F

Handwritten signature/initials

PIPE RECOVERY

TOP 110' GIP
 Resistivity N/A ohms @ --- F
 Chlorides N/A ppm.
130 MW
MIDDLE
 Resistivity N/C ohms @ --- F
 Chlorides N/C ppm.
180 S.W.
BOTTOM
 Resistivity .16 ohms @ 62 F
 Chlorides 56,000 ppm.



TRILOBITE TESTING INC.

26385

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Wildhorse Farms #1 Test No. 4 Date 11-21-06
 Company MTM Peth. Inc. Zone Tested Onroad
 Address P.O. Box 82, Spivey Ks. 67142 Elevation 2158 KB 2150 GL
 Co. Rep / Geo. Bun Landis Rig Warren Puley #17
 Location: Sec. 2 Twp. 26S Rge. 18W Co. Edwards State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3763 ~ 3805' Initial Str Wt./Lbs. 50,000 Unseated Str Wt/Lbs. 50,000
 Anchor Length 42' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 40,000
 Top Packer Depth 3758' Tool Weight 2100#
 Bottom Packer Depth 3763' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3805' Wt. Pipe Run None Drill Collar Run 120
 Mud Wt. 9.0 LCM ~ Vis. 50 WL 9.6 cc Drill Pipe Size 4 1/2" Ft. Run 3639
 Blow Description IF: Fair to strong blow. B.O.B. in 9.5 mins. ISI: No blow

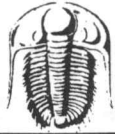
FF: Fair to strong blow. B.O.B. in 12 mins. FSI: No blow.

Recovery - Total Feet 950 GIP trace Ft. in DC 120 Ft. in DP 830
 Rec. 200 Feet of MW %gas _____ %oil 73 %water 27 %mud _____
 Rec. 750 Feet of SW %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 130 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API
 RW 0.11 @ 49 °F Chlorides 104,000 ppm Recovery _____ Chlorides _____ ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|----------------------------------|--------------------------|
| (A) Initial Hydrostatic Mud | | <u>1820</u> PSI | <u>8167</u> | <u>1100</u> |
| (B) First Initial Flow Pressure | | <u>40</u> PSI | (depth) <u>3764'</u> | Jars _____ |
| (C) First Final Flow Pressure | | <u>230</u> PSI | Recorder No. <u>11019</u> | Safety Jt. <u>75</u> |
| (D) Initial Shut-In Pressure | | <u>1339</u> PSI | (depth) <u>3800'</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | | <u>230</u> PSI | Recorder No. _____ | Sampler <u>250</u> |
| (F) Second Final Flow Pressure | | <u>476</u> PSI | (depth) _____ | Straddle _____ |
| (G) Final Shut-In Pressure | | <u>1320</u> PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | | <u>1784</u> PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | | Final Flow <u>60</u> | Ruined Packer _____ |
| | | | Final Shut-In <u>45</u> | Mileage <u>117.5</u> |
| | | | T-On Location <u>1605</u> | Sub Total: <u>1542.5</u> |
| | | | T-Started <u>1613</u> | Std. By <u>SW 50.</u> |
| | | | T-Open <u>1825</u> | Acc. Chg: _____ |
| | | | T-Pulled <u>2145</u> | Other: _____ |
| | | | T-Out <u>0041</u> | Total: <u>1592.5</u> |

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Approved By _____
 Our Representative Gary D. ...



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26385 Date 11-21-06

Company Name MM Pet. Inc.

Lease Wildhorse Farmst Test No. 4

County Edwards Co. Sec. 2 Twp. 26S Rng. 18W

SAMPLER RECOVERY

Gas 0 ~~ML~~

Oil 0 ML

Mud 0 ML

Water 3400 ML

Other --- ML

Pressure 910 ML

Total 3600 ML

PIT MUD ANALYSIS

Chlorides 11,000 ppm.

Resistivity N.C. ohms @ --- F

Viscosity 50

Mud Weight 90

Filtrate 9.6 cc

Other _____

SAMPLER ANALYSIS

Resistivity 11 ohms @ 49 F

Chlorides 104,000 ppm.

Gravity N/A corrected @60F

PIPE RECOVERY

TOP 200' MW

Resistivity N.C. ohms @ --- F

Chlorides N.C. ppm.

MIDDLE

~~Resistivity _____ ohms @ _____ F~~

~~Chlorides _____ ppm.~~

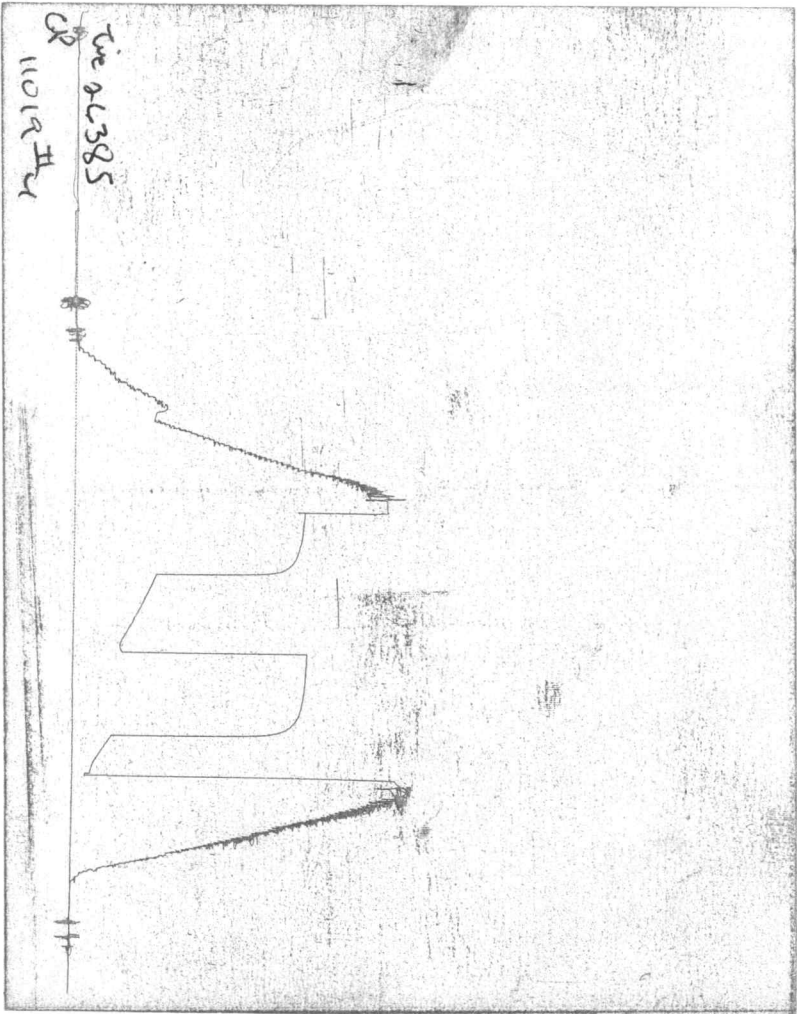
BOTTOM 750' SW

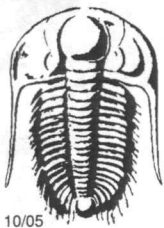
Resistivity 11 ohms @ 49 F

Chlorides 104,000 ppm.

CHART PAGE

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





TRILOBITE TESTING INC.

26386

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Wildhorse Farms #1 Test No. S Date 11-24-06
 Company MTM Pet. Inc. Zone Tested Miss.
 Address Spivey Ks. 67142 Elevation 2158 KB 2150 GL
 Co. Rep / Geo. Ben Landes Rig Warren Dely. #17
 Location: Sec. 2 Twp. 26S Rge. 18W Co. Edwards State Ks.
 Comment: _____ Release date / time: _____

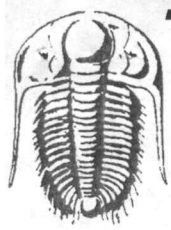
Interval Tested 4487 ~ 4533' Initial Str Wt./Lbs. 54,000 Unseated Str Wt./Lbs. 60,500
 Anchor Length 46 Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4482' Tool Weight 2100#
 Bottom Packer Depth 4487' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4533' Wt. Pipe Run None Drill Collar Run 120
 Mud Wt. 9.1 LCM S# Vis. S3 WL 10.2cc Drill Pipe Size 4 1/2" Ft. Run 4350
 Blow Description IF: Strong blow. GTS in 6 mins. (see gas flow report)
ISI: Weak to fair blow. 1-6"
FE: Strong blow. (see gas flow report) FSI: Weak to fair blow. 1-7"

Recovery - Total Feet 1020 GIP yes Ft. in DC 120 Ft. in DP 900
 Rec. 205 Feet of GCMW 8 %gas %oil 75 %water 17 %mud
 Rec. 815 Feet of SW %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 148 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API
 RW .075 @ 66 °F Chlorides 16,000 ppm Recovery _____ Chlorides 2,500 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|-------------|--------|----------------------------------|--|
| (A) Initial Hydrostatic Mud | <u>2167</u> | PSI | <u>8167</u> | <u>1200</u> |
| (B) First Initial Flow Pressure | <u>158</u> | PSI | (depth) <u>4488'</u> | Jars _____ |
| (C) First Final Flow Pressure | <u>272</u> | PSI | Recorder No. <u>11019</u> | Safety Jt. <input checked="" type="checkbox"/> <u>75</u> |
| (D) Initial Shut-In Pressure | <u>527</u> | PSI | (depth) <u>4528'</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | <u>248</u> | PSI | Recorder No. _____ | Sampler <input checked="" type="checkbox"/> <u>250</u> |
| (F) Second Final Flow Pressure | <u>475</u> | PSI | (depth) _____ | Straddle _____ |
| (G) Final Shut-In Pressure | <u>527</u> | PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | <u>2145</u> | PSI | Initial Shut-In <u>60</u> | Shale Packer _____ |
| | | | Final Flow <u>60</u> | Ruined Packer _____ |
| | | | Final Shut-In <u>90</u> | Mileage <input checked="" type="checkbox"/> <u>117</u> |
| | | | T-On Location <u>0240</u> | Sub Total: <u>1642</u> |
| | | | T-Started <u>0254</u> | Std. By <u>100</u> |
| | | | T-Open <u>0537</u> | Acc. Chg: _____ |
| | | | T-Pulled <u>0938</u> | Other: _____ |
| | | | T-Out <u>1324</u> | Total: <u>1742</u> |

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Approved By _____
 Our Representative Gary Pivoleaux



TRILOBITE TESTING INC.

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

GAS VOLUME REPORT

MTM Pet. Inc.

Wildhorse Farms # 1

5

OPERATOR

WELL NAME AND NO.

DST NO.

Initial Open

Final Open

| Min. | Ins. of Water PSIG | Orifice Size | Flow MCF/D | ATMS 2000 | Min. | Ins. of Water PSIG | Orifice Size | MCF/D | ATMS 2000 |
|------|--------------------|--------------|------------|-----------|------|--------------------|--------------|-------|-----------|
| 6 | --- | 3/4" | 65 | 138 | 10 | 6 PSI | 1/8" | 7.1 | 8. |
| 10 | 6 PSI | 1/2" | 129 | 97 | 20 | 13 PSI | 1/8" | 9.6 | 10. |
| 20 | 12 PSI | 3/8" | 90 | 100 | 30 | 18 PSI | 1/8" | 11.3 | 12. |
| 30 | 13 PSI | 3/8" | 94 | | 40 | 11 PSI | 1/4" | 38 | 40. |
| | | | | | 50 | 8 PSI | 1/4" | 33 | 35.5 |
| | | | | | 60 | 6 PSI | 1/4" | 30 | 32. |

Remarks:



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26386 Date 11-24-06

Company Name M&M Peth. Inc.

Lease Wildhorse Farms #1 Test No. S

County Edwards Co. Sec. 2' Twp. 26^s Rng. 18^w

SAMPLER RECOVERY

Gas Trace ~~ML~~ Chlorides 7,500 ppm.

Oil 0 ML Resistivity N.C. ohms @ 2 F

Mud Trace ML Viscosity 53

Water 3600 ML Mud Weight 9.1

Other LCM & CUTTINGS ML Filtrate 10.2 cc

Pressure 405 ML Other LCM 5th/BBL

Total 3,600 ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity .075 ohms @ 66 F

Chlorides 116,000 ppm.

Gravity N/A corrected @ 60F

PIPE RECOVERY

Gas in all fluid free pipe!

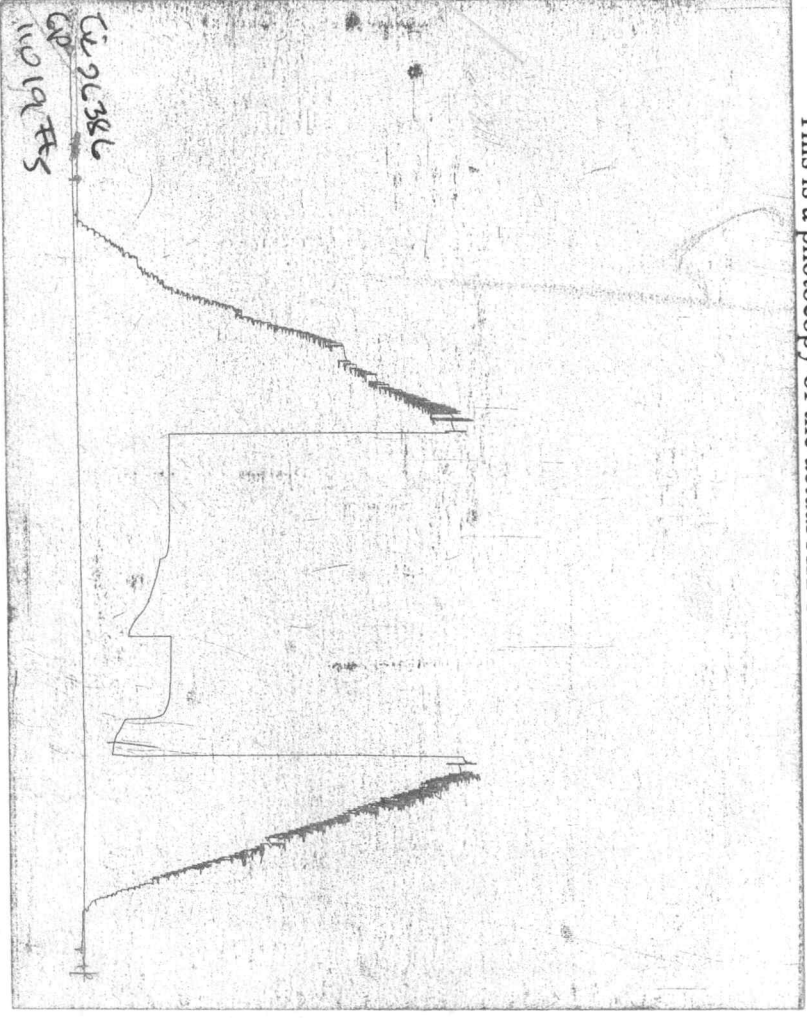
TOP
Resistivity N/A ohms @ — F
Chlorides N/A ppm.

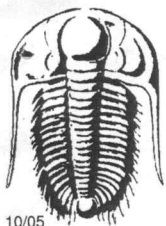
MIDDLE 205' GCMW
Resistivity N.C. ohms @ 2 F
Chlorides N.C. ppm.

BOTTOM
Resistivity .075 ohms @ 66 F
Chlorides 116,000 ppm.

CHART PAGE

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





TRILOBITE TESTING INC.

26387

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Well Name & No. Wildhorse Farms #1 Test No. 6 Date 11-25-06
 Company MTM Petr. Inc. Zone Tested Kinderhook
 Address Spivey Ks. 67142 Elevation 2158 KB 2150 GL
 Co. Rep / Geo. Ben Landes Rig Warren Dely #17
 Location: Sec. 2 Twp. 26^s Rge. 18^w Co. Edwards State Ks.
 Comment: _____ Release date / time: _____

Interval Tested 4541 - 4595' Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 54' Wt. Set Lbs. 24,000 Wt. Pulled Loose/Lbs. 71,000
 Top Packer Depth 4536' Tool Weight 2100#
 Bottom Packer Depth 4541' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4595' Wt. Pipe Run None Drill Collar Run 120
 Mud Wt. 9.2 LCM 4th Vis. 60 WL 102cc Drill Pipe Size 4 1/2" Ft. Run 4413
 Blow Description IF: Fair to strong blow. B.O.B. in 28 mins. ISI: No blow.

FF: Fair blow. slow increase to 9" - FSI: No blow.

Comment: Mud tool 6-8 ft. to bitm.

| | | | | | | | |
|-----------------------|-----------|---------|-----------------------------|-----------|-----------|-----------|----------|
| Recovery - Total Feet | <u>62</u> | GIP | <u>305</u> | Ft. in DC | <u>62</u> | Ft. in DP | <u>0</u> |
| Rec. | <u>62</u> | Feet of | <u>Dely Mud (good odor)</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 141 °F Gravity N/A °API D @ ~ °F Corrected Gravity N/A °API
 RW N.C. @ ~ °F Chlorides 8,000 ppm Recovery ~ Chlorides 8,000 ppm System

| | AK-1 | Alpine | Recorder No. | Test |
|----------------------------------|------|-----------------|----------------------------------|--------------------------------|
| (A) Initial Hydrostatic Mud | | <u>2165</u> PSI | <u>8167</u> | <u>✓ 1200</u> |
| (B) First Initial Flow Pressure | | <u>30</u> PSI | (depth) <u>4542'</u> | Jars _____ |
| (C) First Final Flow Pressure | | <u>39</u> PSI | Recorder No. <u>11019</u> | Safety Jt. <u>✓ 75</u> |
| (D) Initial Shut-In Pressure | | <u>545</u> PSI | (depth) <u>4590'</u> | Circ Sub _____ |
| (E) Second Initial Flow Pressure | | <u>43</u> PSI | Recorder No. <u>~</u> | Sampler <u>✓ 250</u> |
| (F) Second Final Flow Pressure | | <u>51</u> PSI | (depth) <u>~</u> | Straddle _____ |
| (G) Final Shut-In Pressure | | <u>518</u> PSI | Initial Opening <u>30</u> | Ext. Packer _____ |
| (Q) Final Hydrostatic Mud | | <u>2156</u> PSI | Initial Shut-In <u>40</u> | Shale Packer _____ |
| | | | Final Flow <u>40</u> | Ruined Packer _____ |
| | | | Final Shut-In <u>90</u> | Mileage <u>cut ✓ 117</u> |
| | | | T-On Location <u>0001</u> | Sub Total: <u>1642</u> |
| | | | T-Started <u>0035</u> | Std. By <u>2.0 200</u> |
| | | | T-Open <u>08415</u> | Acc. Chg: _____ |
| | | | T-Pulled <u>0820</u> | Other: _____ |
| | | | T-Out <u>1107</u> | Total: <u>1842⁵</u> |

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 _____

Our Representative Gary Purochans



TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

FLUID SAMPLER DATA

Ticket No. 26387 Date 11-25-06

Company Name MTM Pith, Inc.

Lease Wildhorse Farms #1 Test No. 6

County Edwards Ks Sec. 2 Twp. 26^S Rng. 18^W

SAMPLER RECOVERY

Gas .1 cubic ft. ~~ML~~ Chlorides 8,000 ppm.
 Oil 0 ML Resistivity N.C. ohms @ ~ F
 Mud 2780 ML Viscosity 60
 Water 0 ML Mud Weight 9.2
 Other LCM ML Filtrate 10.2 cc
 Pressure 155 PSI ML Other LCM 4#/BBL
 Total 2780 ML

PIT MUD ANALYSIS

SAMPLER ANALYSIS

Resistivity N/A ohms @ ~ F
 Chlorides 8,000 ppm.
 Gravity N/A corrected @60F

PIPE RECOVERY

TOP 305' GIP
 Resistivity N/A ohms @ ~ F
 Chlorides N/A ppm.
MIDDLE
 Resistivity ~~ohms @~~ F
 Chlorides ~~ppm.~~
BOTTOM 62' Dreg. Mud.
 Resistivity N.C. ohms @ ~ F
 Chlorides 8,000 ppm.

CHART PAGE

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

