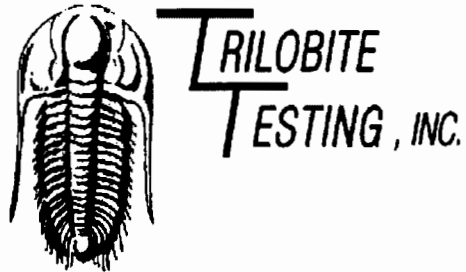


15-193-20698

35-9s-33w



## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**35-9S-33W Thomas**

**Kauk-Stronot A #1-35**

Start Date: 2005.01.16 @ 10:35:12

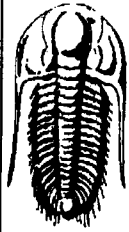
End Date: 2005.01.16 @ 20:26:57

Job Ticket #: 20409                      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

McCoy Petroleum Corporation

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**Kauk-Stronot A #1-35**

**35-9S-33W Thomas**

Job Ticket: 20409

**DST#: 1**

Test Start: 2005.01.16 @ 10:35:12

## GENERAL INFORMATION:

Formation: **L/KC "I thru K"**

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

Time Tool Opened: 13:16:27

Time Test Ended: 20:26:57

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **4262.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Total Depth: **4350.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3144.00 ft (KB)**

**3133.00 ft (CF)**

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

**Serial #: 6798**

**Inside**

Press@RunDepth: **56.54 psig @ 4263.00 ft (KB)**

Start Date: **2005.01.16**

End Date:

**2005.01.16**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **10:35:17**

End Time:

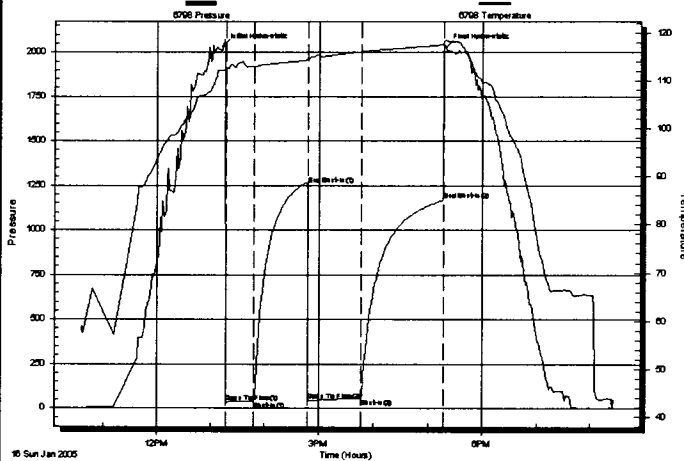
**20:26:57**

Time On Btm: **2005.01.16 @ 13:13:12**

Time Off Btm: **2005.01.16 @ 17:18:42**

**TEST COMMENT: F; Tool Sid 2' Weak blow built to 1/2"**  
**FF; No return blow**

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.62	112.19	Initial Hydro-static
4	34.37	112.13	Open To Flow (1)
35	40.18	112.93	Shut-In(1)
94	1254.72	114.27	End Shut-In(1)
95	42.61	114.26	Open To Flow (2)
153	56.54	116.03	Shut-In(2)
244	1166.72	117.50	End Shut-In(2)
246	2029.68	118.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	Oil Stained Mud	0.34

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petroleum Corporation  
8090 E Central Ste 300  
Wichita, KS 67235  
ATTN: Bob O'Dell

**Kauk-Stronot A #1-35**  
**35-9S-33W Thomas**  
Job Ticket: 20409      DST#: 1  
Test Start: 2005.01.16 @ 10:35:12

**Tool Information**

Drill Pipe:	Length: 4037.00 ft	Diameter: 3.80 inches	Volume: 56.63 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume: 57.69 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4262.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	107.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4248.00	
Hydraulic tool	5.00			4253.00	
Packer	5.00			4258.00	19.00      Bottom Of Top Packer
Packer	4.00			4262.00	
Stubb	1.00			4263.00	
Recorder	0.00	6798	Inside	4263.00	
Perforations	18.00			4281.00	
Change Over Sub	1.00			4282.00	
Anchor	62.00			4344.00	
Change Over Sub	1.00			4345.00	
Recorder	0.00	13309	Outside	4345.00	
Bullnose	5.00			4350.00	88.00      Bottom Packers & Anchor

**Total Tool Length: 107.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Kauk-Stronot A #1-35**

8090 E Central Ste 300  
Wichita, KS 67235

**35-9S-33W Thomas**

Job Ticket: 20409

**DST#: 1**

ATTN: Bob O'Dell

Test Start: 2005.01.16 @ 10:35:12

## 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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.75 in<sup>3</sup>

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Oil Stained Mud	0.344

Total Length: 70.00 ft      Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

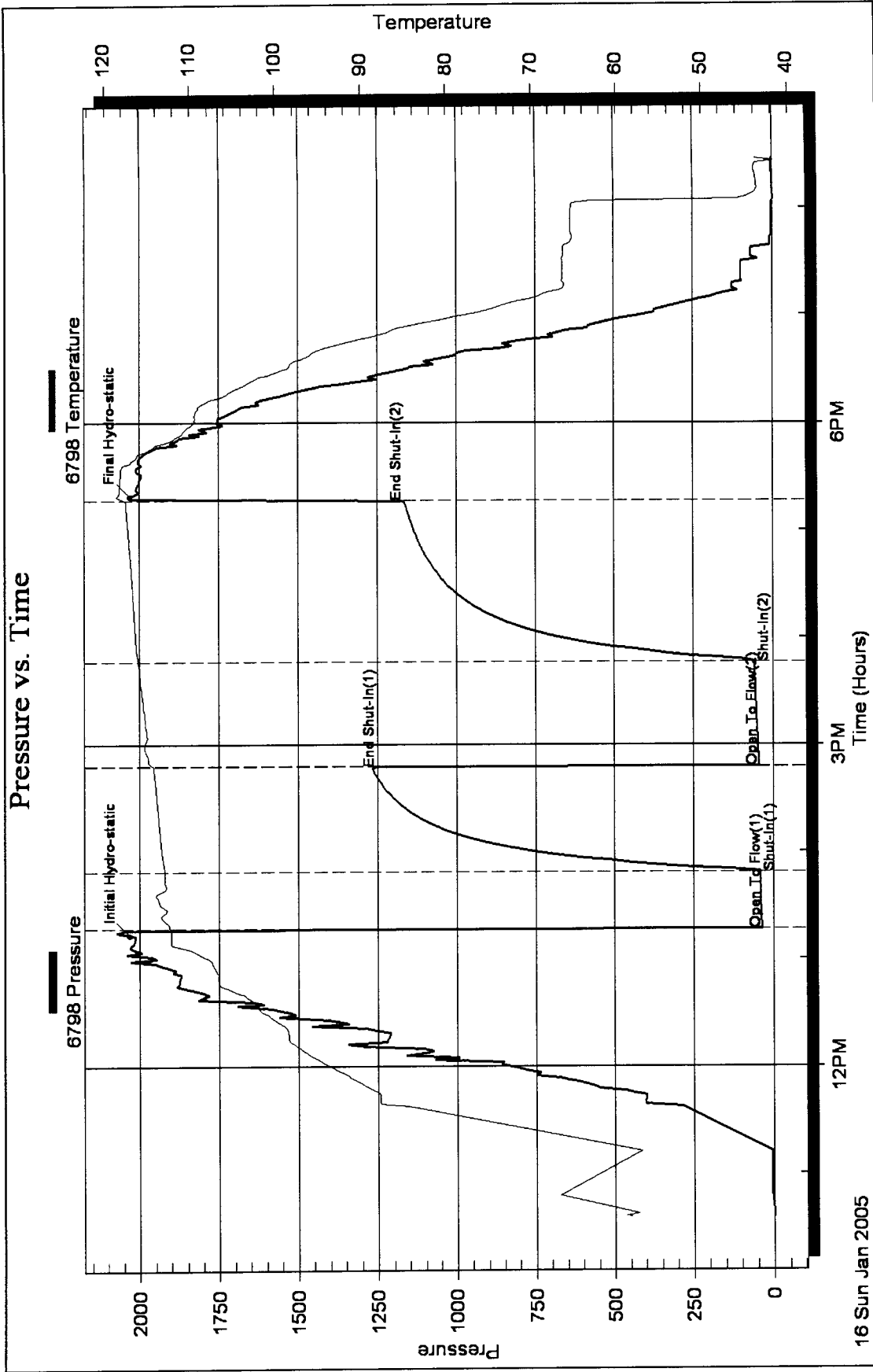
Inside

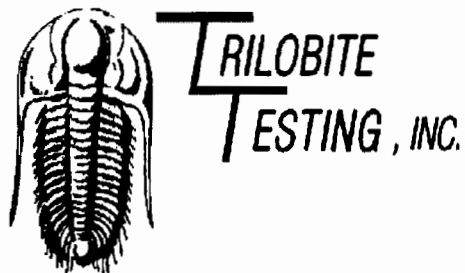
McCoy Petroleum Corporation

35-9S-33W Thomas

DST Test Number: 1

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**35-9S-33W Thomas**

**Kauk-Stronot A #1-35**

Start Date: 2005.01.17 @ 15:58:06

End Date: 2005.01.18 @ 00:09:36

Job Ticket #: 20410                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petroleum Corporation

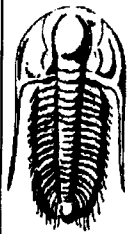
Kauk-Stronot A #1-35

35-9S-33W Thomas

DST # 2

Pawnee

2005.01.17



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**Kauk-Stronot A #1-35**

**35-9S-33W Thomas**

Job Ticket: 20410

DST#: 2

Test Start: 2005.01.17 @ 15:58:06

## GENERAL INFORMATION:

Formation: **Pawnee**

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

Time Tool Opened: 18:37:36

Time Test Ended: 00:09:36

Interval: **4492.00 ft (KB) To 4531.00 ft (KB) (TVD)**

Total Depth: **4531.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Reference Elevations: **3144.00 ft (KB)**

**3133.00 ft (CF)**

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

**Serial #: 6798**

**Inside**

Press@RunDepth: **27.69 psig @ 4493.00 ft (KB)**

Start Date: **2005.01.17**

End Date:

**2005.01.18**

Start Time: **15:58:11**

End Time:

**00:09:35**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

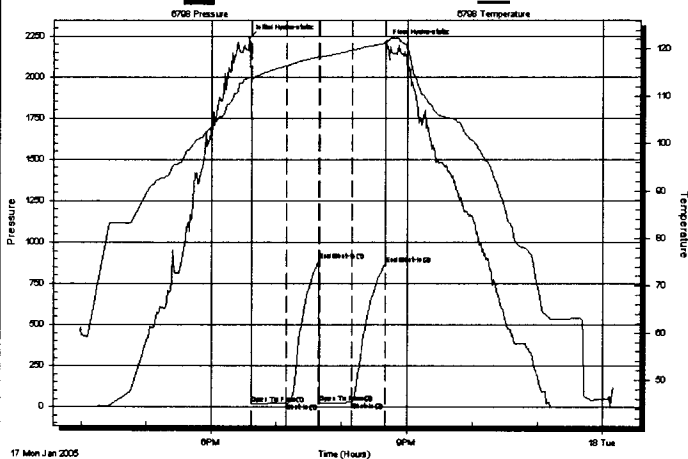
Time On Btm: **2005.01.17 @ 18:35:21**

Time Off Btm: **2005.01.17 @ 20:40:21**

TEST COMMENT: **F; Weak 1/4" blow died in 20 mins**

**FF; No return blow**

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2236.42	113.93	Initial Hydro-static
3	19.92	113.69	Open To Flow (1)
35	22.88	116.47	Shut-In(1)
64	887.52	118.39	End Shut-In(1)
65	23.28	118.03	Open To Flow (2)
94	27.69	119.71	Shut-In(2)
125	865.13	121.24	End Shut-In(2)
125	2208.80	121.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig. Mud	0.05

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Kauk-Stronot A #1-35**

8090 E Central Ste 300  
Wichita, KS 67235

**35-9S-33W Thomas**

Job Ticket: 20410

**DST#: 2**

ATTN: Bob O'Dell

Test Start: 2005.01.17 @ 15:58:06

### Tool Information

Drill Pipe:	Length: 4285.00 ft	Diameter: 3.80 inches	Volume: 60.11 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 61.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4492.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4478.00	
Hydraulic tool	5.00			4483.00	
Packer	5.00			4488.00	19.00 Bottom Of Top Packer
Packer	4.00			4492.00	
Stubb	1.00			4493.00	
Recorder	0.00	6798	Inside	4493.00	
Perforations	1.00			4494.00	
Change Over Sub	1.00			4495.00	
Anchor	30.00			4525.00	
Change Over Sub	1.00			4526.00	
Recorder	0.00	13309	Outside	4526.00	
Bullnose	5.00			4531.00	39.00 Bottom Packers & Anchor

**Total Tool Length: 58.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Kauk-Stronot A #1-35**

8090 E Central Ste 300  
Wichita, KS 67235

**35-9S-33W Thomas**

Job Ticket: 20410

**DST#: 2**

ATTN: Bob O'Dell

Test Start: 2005.01.17 @ 15:58:06

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.75 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	Drig. Mud	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

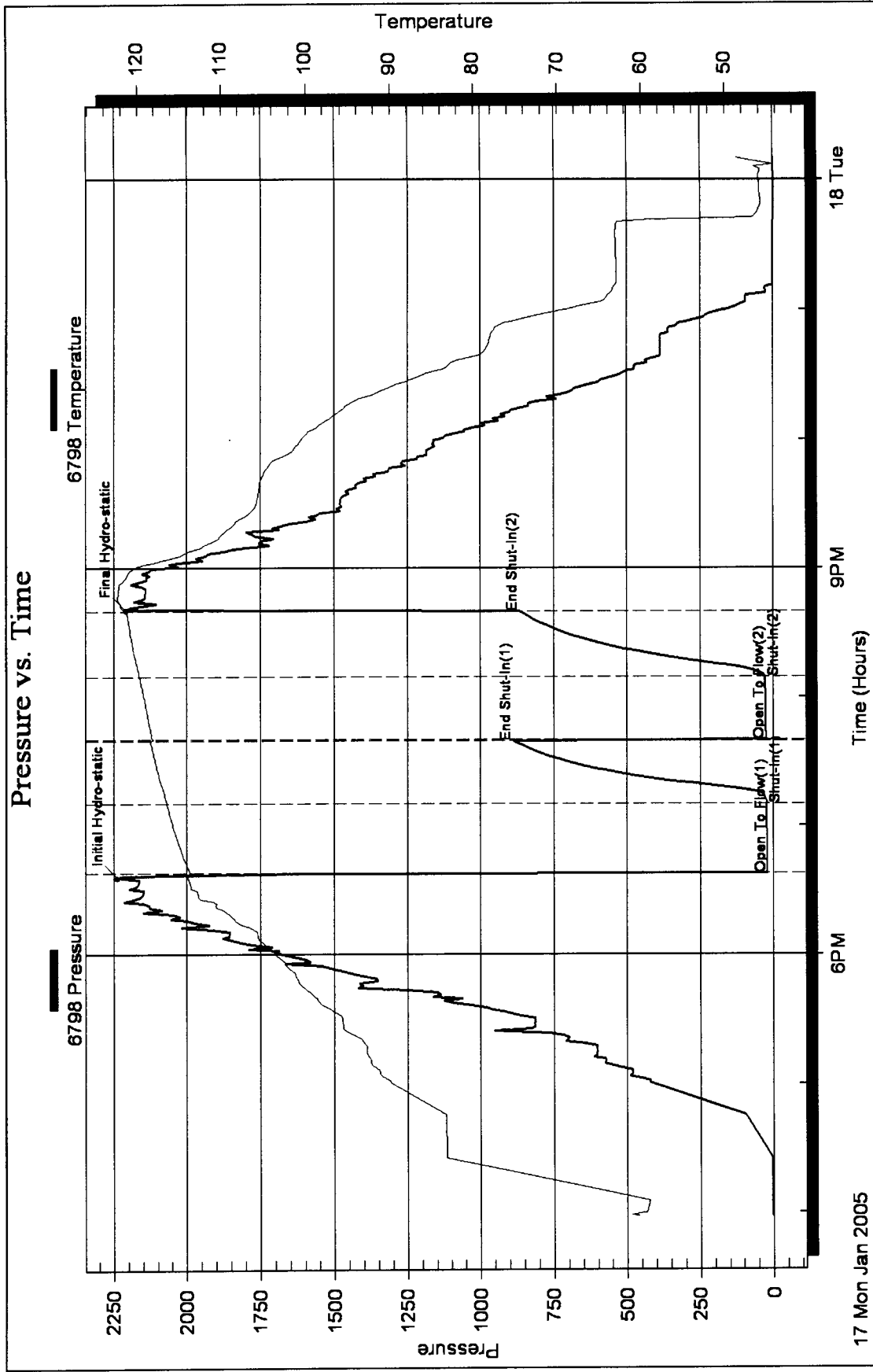
Serial #: 6798

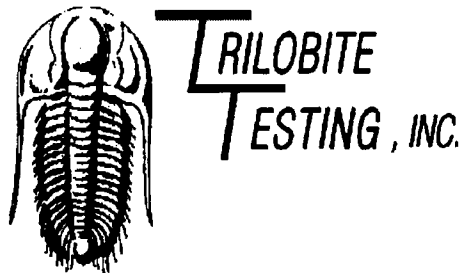
Inside

McCoy Petroleum Corporation

35-9S-33W/Thomas

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**35-9S-33W Thomas**

**Kauk-Stronot A #1-35**

Start Date: 2005.01.18 @ 16:10:13

End Date: 2005.01.18 @ 22:23:22

Job Ticket #: 20411                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petroleum Corporation

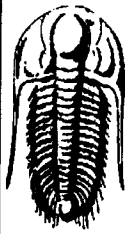
Kauk-Stronot A #1-35

35-9S-33W Thomas

DST # 3

Johnson

2005.01.18



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**Kauk-Stronot A #1-35**

**35-9S-33W Thomas**

Job Ticket: 20411

DST#: 3

Test Start: 2005.01.18 @ 16:10:13

### GENERAL INFORMATION:

Formation: **Johnson**

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

Time Tool Opened: 19:07:53

Time Test Ended: 22:23:22

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **4627.00 ft (KB) To 4670.00 ft (KB) (TVD)**

Total Depth: **4670.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3144.00 ft (KB)**

**3133.00 ft (CF)**

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

**Serial #: 6798**

**Inside**

Press@RunDepth: **psig @ 4628.00 ft (KB)**

Start Date: **2005.01.18**

End Date: **2005.01.18**

Start Time: **16:10:13**

End Time: **22:23:22**

Capacity: **7000.00 psig**

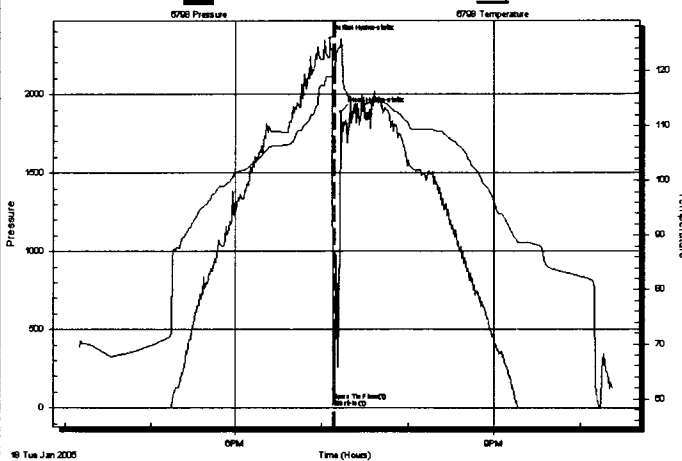
Last Calib.: **1899.12.30**

Time On Btm: **2005.01.18 @ 19:05:23**

Time Off Btm: **2005.01.18 @ 19:12:53**

**TEST COMMENT:** IF; No blow @ open 1 1/2 mins into lost packer seat  
Pulled Tool Shut not able to fillhole TOH w/Tool

Pressure vs. Time



### PRESSURE SUMMARY

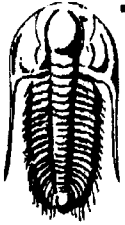
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.41	118.89	Initial Hydro-static
3	44.35	118.84	Open To Flow (1)
4	53.40	120.32	Shut-in(1)
8	1891.03	124.81	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
3690.00	Mud	49.80

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation  
8090 E Central Ste 300  
Wichita, KS 67235  
ATTN: Bob O'Dell

**Kauk-Stronot A #1-35**  
**35-9S-33W Thomas**  
Job Ticket: 20411      **DST#: 3**  
Test Start: 2005.01.18 @ 16:10:13

**Tool Information**

Drill Pipe:	Length: 4410.00 ft	Diameter: 3.80 inches	Volume: 61.86 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 62.92 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4627.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 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**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4613.00	
Hydraulic tool	5.00			4618.00	
Packer	5.00			4623.00	19.00      Bottom Of Top Packer
Packer	4.00			4627.00	
Stubb	1.00			4628.00	
Recorder	0.00	6798	Inside	4628.00	
Perforations	4.00			4632.00	
Change Over Sub	1.00			4633.00	
Anchor	62.00			4695.00	
Change Over Sub	1.00			4696.00	
Recorder	0.00	13309	Outside	4696.00	
Bullnose	5.00			4701.00	74.00      Bottom Packers & Anchor

**Total Tool Length:    93.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Kauk-Stronot A #1-35**

8090 E Central Ste 300  
Wichita, KS 67235

**35-9S-33W Thomas**

Job Ticket: 20411

**DST#: 3**

ATTN: Bob O'Dell

Test Start: 2005.01.18 @ 16:10:13

**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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
3690.00	Mud	49.802

Total Length: 3690.00 ft      Total Volume: 49.802 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

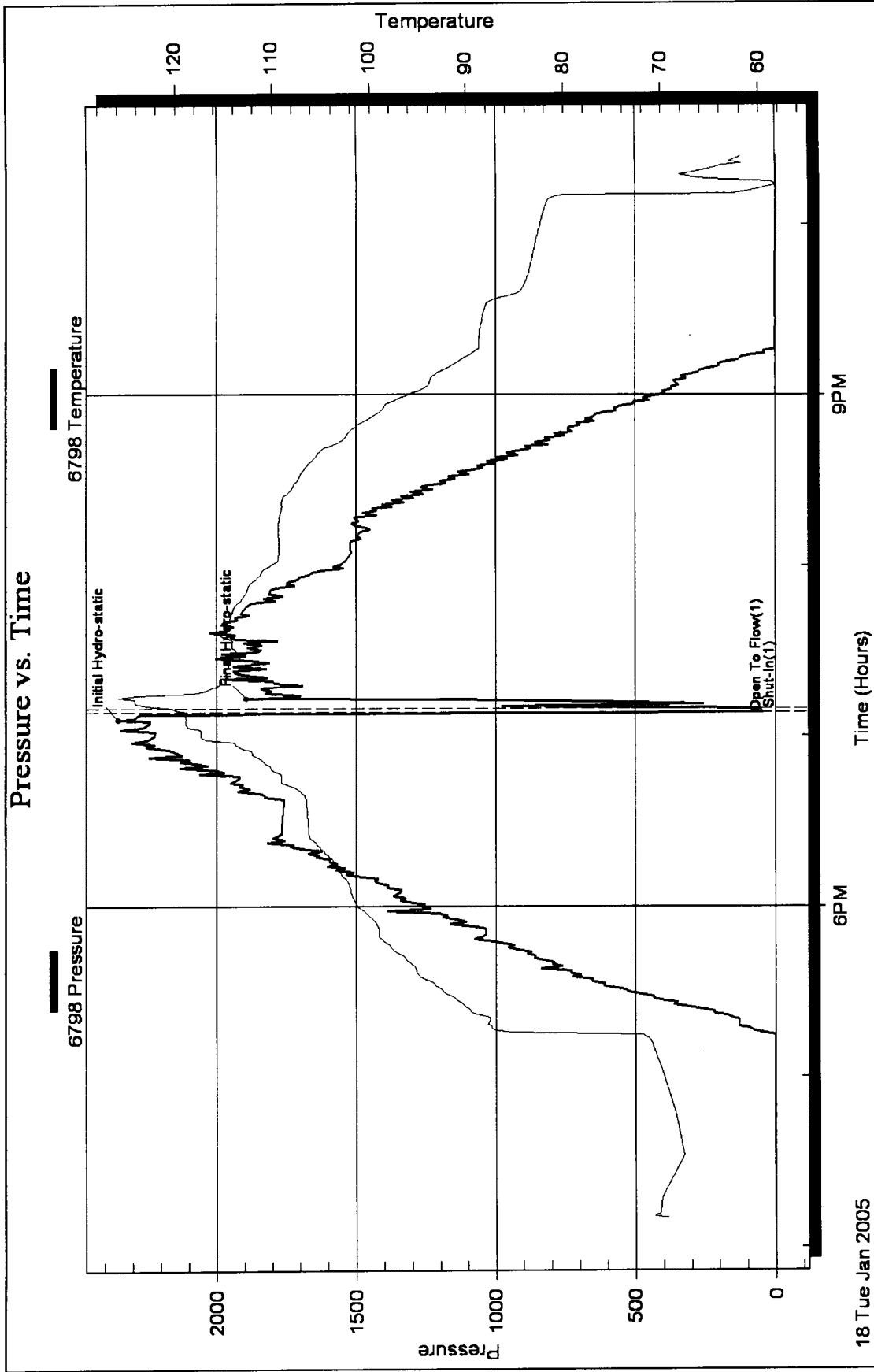
Inside

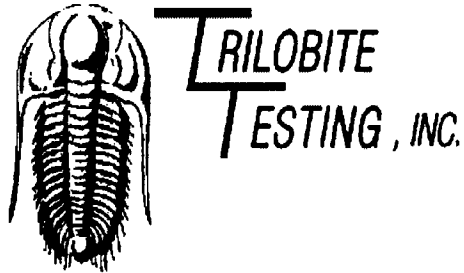
McCoy Petroleum Corporation

35-9S-33W Thomas

DST Test Number: 3

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**35-9S-33W Thomas**

**Kauk-Stronot A #1-35**

Start Date: 2005.01.19 @ 18:45:09

End Date: 2005.01.20 @ 03:21:09

Job Ticket #: 20412                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petroleum Corporation

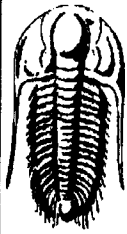
Kauk-Stronot A #1-35

35-9S-33W Thomas

DST # 4

Conglomerate

2005.01.19



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8090 E Central Ste 300  
Wichita, KS 67235

ATTN: Bob O'Dell

**Kauk-Stronot A #1-35**

**35-9S-33W Thomas**

Job Ticket: 20412

**DST#: 4**

Test Start: 2005.01.19 @ 18:45:09

### GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:42:54

Time Test Ended: 03:21:09

Interval: **4645.00 ft (KB) To 4690.00 ft (KB) (TVD)**

Total Depth: 4741.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Reference Elevations: 3144.00 ft (KB)

3133.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 6798**

Inside

Press@RunDepth: 88.79 psig @ 4646.00 ft (KB)

Start Date: 2005.01.19 End Date: 2005.01.20

Start Time: 18:45:14 End Time: 03:21:09

Capacity: 7000.00 psig

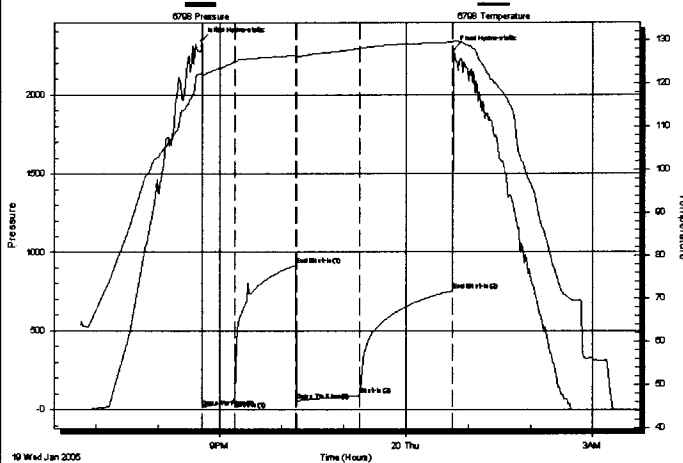
Last Calib.: 1899.12.30

Time On Btm: 2005.01.19 @ 20:41:39

Time Off Btm: 2005.01.20 @ 00:45:39

TEST COMMENT: F; Weak surface blow built to 1"  
FF; No return blow

Pressure vs. Time



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2340.74	122.28	Initial Hydro-static
2	13.71	121.98	Open To Flow (1)
33	52.91	124.91	Shut-In(1)
92	916.04	126.40	End Shut-In(1)
93	53.97	126.14	Open To Flow (2)
154	88.79	127.97	Shut-In(2)
243	754.91	129.41	End Shut-In(2)
244	2282.07	129.72	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drig. Mud	0.59

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Kauk-Stronot A #1-35**

8090 E Central Ste 300  
Wichita, KS 67235

**35-9S-33W Thomas**

Job Ticket: 20412

DST#: 4

ATTN: Bob O'Dell

Test Start: 2005.01.19 @ 18:45:09

## Tool Information

Drill Pipe:	Length: 4442.00 ft	Diameter: 3.80 inches	Volume: 62.31 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: 30000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Full Loose: 90000.00 lb
			<u>Total Volume: 63.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4645.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	97.00 ft			
Tool Length:	116.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4631.00	
Hydraulic tool	5.00			4636.00	
Packer	5.00			4641.00	19.00 Bottom Of Top Packer
Packer	4.00			4645.00	
Stubb	1.00			4646.00	
Recorder	0.00	6798	Inside	4646.00	
Perforations	2.00			4648.00	
Change Over Sub	1.00			4649.00	
Anchor	31.00			4680.00	
Change Over Sub	1.00			4681.00	
Perforations	5.00			4686.00	
Recorder	0.00	13276	Outside	4686.00	
Blank Off Sub	1.00			4687.00	97.00 Tool Interval
Packer	4.00			4691.00	
Stubb	1.00			4692.00	
Anchor	12.00			4704.00	
Change Over Sub	1.00			4705.00	
Anchor	31.00			4736.00	
Change Over Sub	1.00			4737.00	
Recorder	0.00	13309	Below	4737.00	
Bullnose	5.00			4742.00	1000115.00 Bottom Packers & Anchor

**Total Tool Length: 116.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Kauk-Stronot A #1-35**

8090 E Central Ste 300  
Wichita, KS 67235

**35-9S-33W Thomas**

Job Ticket: 20412

DST#: 4

ATTN: Bob O'Dell

Test Start: 2005.01.19 @ 18:45:09

**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: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
120.00	Drig. Mud	0.590

Total Length: 120.00 ft      Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

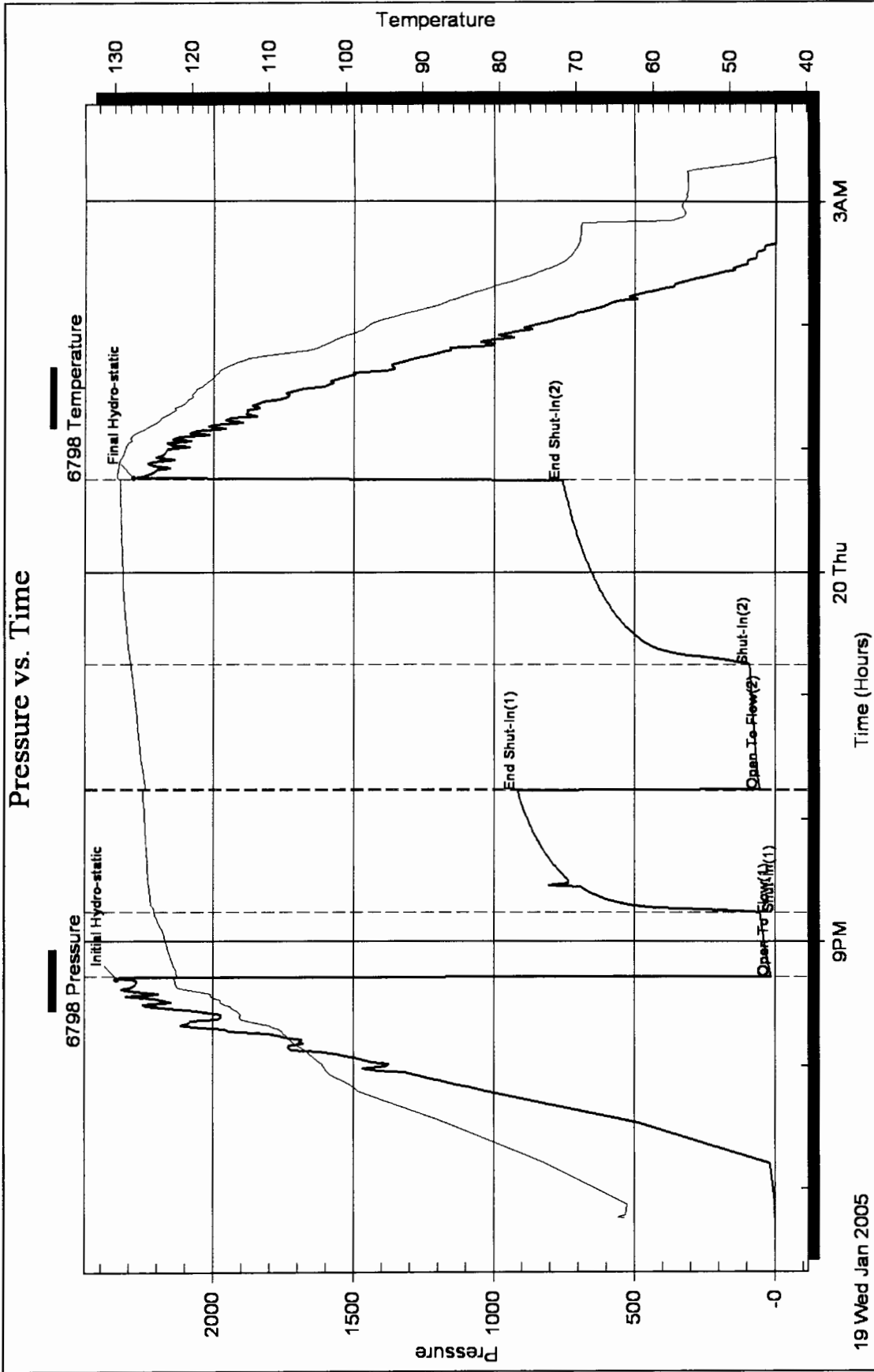
Serial #:

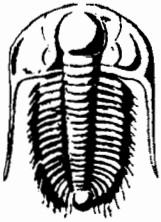
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV  
7142

No 20409

## Test Ticket

Well Name & No. Kauk-Strnot A #1-35 Test No. 1 Date 1-16-05  
 Company McCoy Petroleum Corporation Zone Tested L/KC 'I - J - K'  
 Address \_\_\_\_\_ Elevation 3144 KB 3133 GL \_\_\_\_\_  
 Co. Rep / Geo. Bob O'Dell Cont. Murfin #22 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 35 Twp. 9<sup>s</sup> Rge. 33<sup>w</sup> Co. Thomas State KS.  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 4262 - 4350 Initial Str Wt./Lbs. 72,000 Unseated Str Wt./Lbs. 72,000  
 Anchor Length 88' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 95,000  
 Top Packer Depth 4257 Tool Weight 2,500  
 Bottom Packer Depth 4262 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 4350 Wt. Pipe Run - Drill Collar Run 215'  
 Mud Wt. 9.3 LCM 1# Vis. 51 WL 8.8 Drill Pipe Size 4 1/2" xH Ft. Run 4037'  
 Blow Description IF: Tool slid 2' weak blow built to 1/2"

FF: No return blow

Recovery - Total Feet 70' GIP - Ft. in DC 70' Ft. in DP -  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 70' Feet of Oil Stained Mud %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 BHT 117° °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 1,800 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2030</u>	PSI	<u>6798</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>34</u>	PSI	(depth) <u>4263</u>	Elec. Rec. _____
(C) First Final Flow Pressure	<u>40</u>	PSI	Recorder No. <u>13309</u>	Jars _____
(D) Initial Shut-In Pressure	<u>1254</u>	PSI	(depth) <u>4345</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>42</u>	PSI	Recorder No. _____	Circ Sub <u>X H/C</u>
(F) Second Final Flow Pressure	<u>56</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>1166</u>	PSI	<b>Initial Opening</b> <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2029</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>1 way 60 120</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 Bob O'Dell

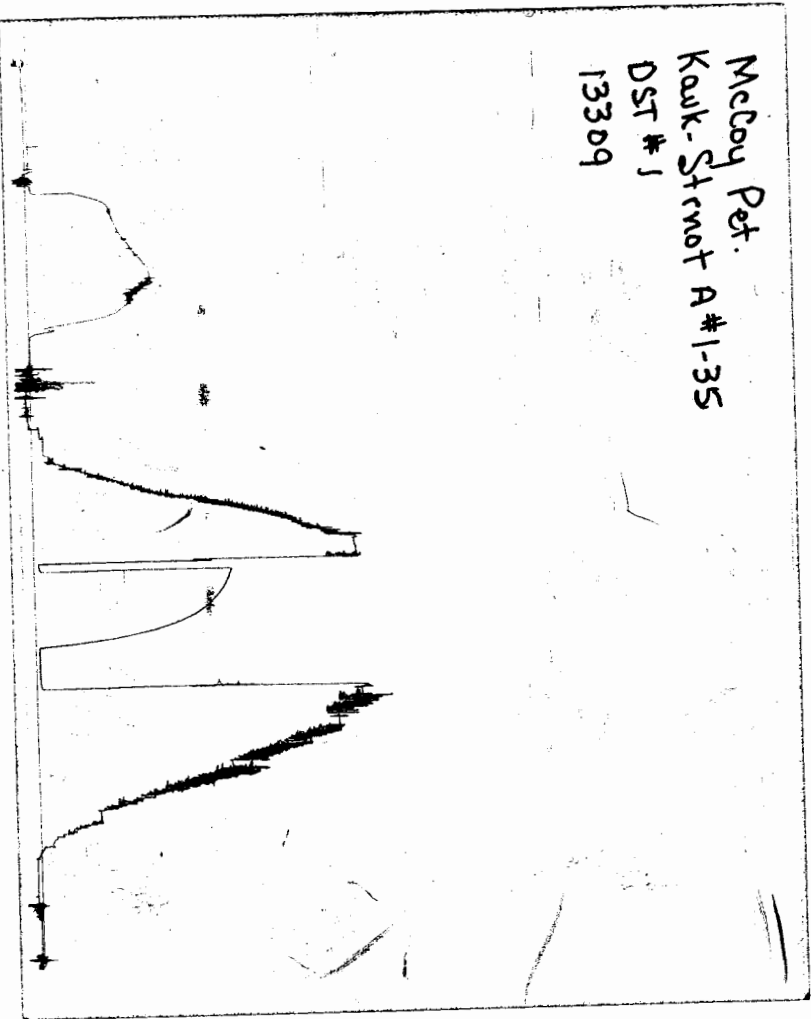
Our Representative Rod Steinbrink

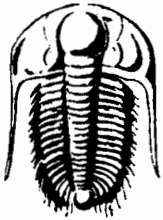
T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>0900</u>	<u>1035</u>	<u>1316</u>	<u>1716</u>	<u>2026</u>

Sub Total: 1120  
 Std. By 25 75  
 Total: 1195

**CHART PAGE**

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20410

05/03

## Test Ticket

Well Name & No. Kawk - Strnot A #1-35 Test No. 2 Date 1-17-05  
 Company McLoy Petroleum Corporation Zone Tested Pawnee  
 Address \_\_\_\_\_ Elevation 3144 KB 3133 GL \_\_\_\_\_  
 Co. Rep / Geo. Bob O'Dell Cont. Murfin #22 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 35 Twp. 9S Rge. 33W Co. Thomas State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 4492 - 4531 Initial Str Wt./Lbs. 72,000 Unseated Str Wt./Lbs. 90,000  
 Anchor Length 39' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 90,000  
 Top Packer Depth 4487 Tool Weight 2,500  
 Bottom Packer Depth 4492 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 4531 Wt. Pipe Run — Drill Collar Run 215'  
 Mud Wt. 9.3 LCM 1\* Vis. 47 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 4285'  
 Blow Description 1F: Weak 1/4" blow died in 20 mins.

FF: No return blow

Recovery - Total Feet 10' GIP — Ft. in DC 10' Ft. in DP —  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 10' Feet of Drlg. Mud %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 121° °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 2,000 ppm System

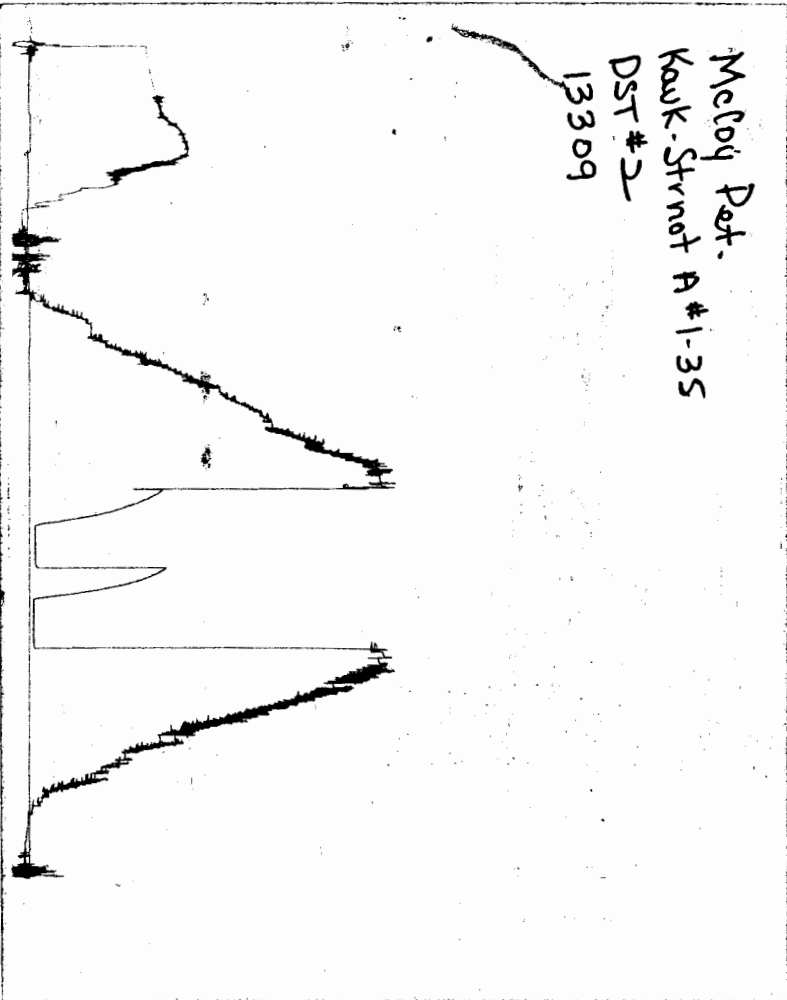
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2236</u>	PSI	<u>6798</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	(depth) <u>4493</u>	Elec. Rec. _____
(C) First Final Flow Pressure	<u>22</u>	PSI	Recorder No. <u>13309</u>	Jars _____
(D) Initial Shut-In Pressure	<u>887</u>	PSI	(depth) <u>4526</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>23</u>	PSI	Recorder No. _____	Circ Sub <u>X</u> <u>N/C</u>
(F) Second Final Flow Pressure	<u>27</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>865</u>	PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>2208</u>	PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
			Final Flow <u>30</u>	Shale Packer _____
			Final Shut-In <u>30</u>	Mileage <u>1 way 60/120</u>
			T-On Location <u>1500</u>	Sub Total: <u>1120</u>
			T-Started <u>1558</u>	Std. By _____
			T-Open _____	Other _____
			T-Pulled _____	Total: _____
			T-Out _____	

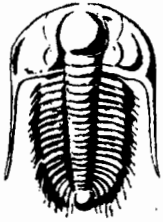
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By Bob O'Dell

Our Representative Rod Steinbrink

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20411

05/03

## Test Ticket

Well Name & No. Kawk - Strnot A #1-35 Test No. 3 Date 1-18-05  
 Company McCoy Petroleum Corporation Zone Tested Johnson  
 Address \_\_\_\_\_ Elevation 3144 KB 3133 GL \_\_\_\_\_  
 Co. Rep / Geo. Bob O'Dell Cont. Murfin #22 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 35 Twp. 9S Rge. 33W Co. Thomas State KS.  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 4627 - 4670 Initial Str Wt./Lbs. 72,000 Unseated Str Wt/Lbs. 76,000  
 Anchor Length 43' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 85,000  
 Top Packer Depth 4622 Tool Weight 2,500  
 Bottom Packer Depth 4627 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 4670 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run 215'  
 Mud Wt. 9.3 LCM \_\_\_\_\_ Vis. 51 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 4410'  
 Blow Description IF: No blow @ open 1 1/2 mins into lost pkr seat  
Pulled tool shut not able to fill hole Tot w/Tool

Recovery - Total Feet 3690' GIP \_\_\_\_\_ Ft. in DC \_\_\_\_\_ Ft. in DP \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. 3690' Feet of Mud %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 BHT 124° °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 1,800 ppm System

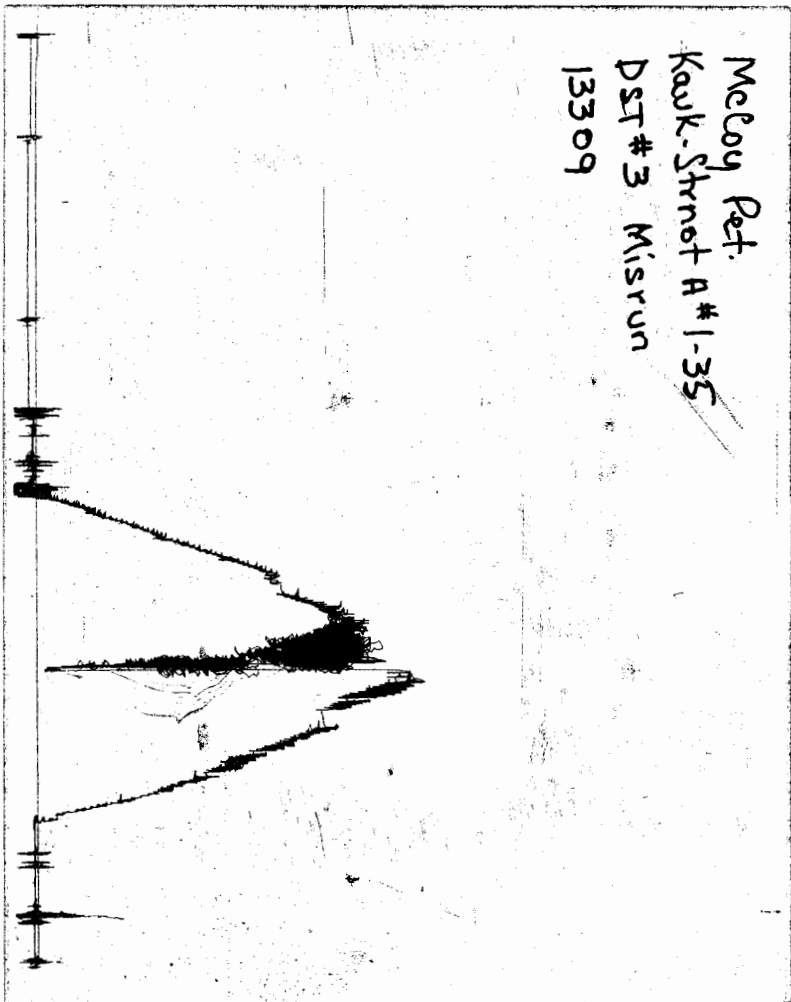
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2350</u> PSI		<u>6798</u>	<u>Misrun 900</u>
(B) First Initial Flow Pressure	<u>44</u> PSI		(depth) <u>4628</u>	Elec. Rec. _____
(C) First Final Flow Pressure	<u>53</u> PSI		Recorder No. <u>13309</u>	Jars _____
(D) Initial Shut-In Pressure	_____ PSI		(depth) <u>4665</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	_____ PSI		Recorder No. _____	Circ Sub <u>X 3500 35</u>
(F) Second Final Flow Pressure	_____ PSI		(depth) _____	Sampler _____
(G) Final Shut-In Pressure	_____ PSI	<b>Initial Opening</b>	<u>5</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1891</u> PSI	Initial Shut-In	_____	Ext. Packer _____
		Final Flow	_____	Shale Packer _____
		Final Shut-In	_____	Mileage <u>1 way 60 120</u>
		<b>T-On Location</b>	<u>1500</u>	Sub Total: <u>1055</u>
		T-Started	<u>1610</u>	Std. By _____
		T-Open	<u>1907</u>	Other _____
		T-Pulled	<u>1909</u>	Total: _____
		T-Out	<u>2223</u>	

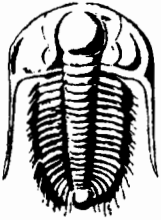
TRILLOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS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

Approved By Bob O'Dell  
 Our Representative Rod Steinbrink

**CHART PAGE**

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20412

## Test Ticket

Well Name & No. Kauk - Strnot A #1-35 Test No. 4 Date 1-19-05  
 Company McCoy Petroleum Corporation Zone Tested Conglomerate  
 Address \_\_\_\_\_ Elevation 3144 KB 3133 GL \_\_\_\_\_  
 Co. Rep / Geo. Bob O'Dell Cont. Murfin #22 Est. Ft. of Pay \_\_\_\_\_ Por. \_\_\_\_\_ %  
 Location: Sec. 35 Twp. 9S Rge. 33W Co. Thomas State KS  
 No. of Copies \_\_\_\_\_ Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 4645 - 4690 Initial Str Wt./Lbs. 72,000 Unseated Str Wt./Lbs. 72,000  
 Anchor Length 45' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 90,000  
 Top Packer Depth 4640 - 4645 Tool Weight 2,500  
 Bottom Packer Depth 4690 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 4741 (LTD) Wt. Pipe Run — Drill Collar Run 215'  
 Mud Wt. 9.2 LCM \_\_\_\_\_ Vis. 50 WL 9.0 Drill Pipe Size 4 1/2" XH Ft. Run 4442'  
 Blow Description IF: Weak surface blow built to 1"

FF: No return blow

Recovery - Total Feet 120' GIP — Ft. in DC 120' Ft. in DP —  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. 120' Feet of Drlg. Mud %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud  
 BHT 129° °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 2,200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2340</u> PSI		<u>6798</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>13</u> PSI		(depth) <u>4646</u>	Elec. Rec. _____
(C) First Final Flow Pressure	<u>52</u> PSI		Recorder No. <u>13276</u>	Jars _____
(D) Initial Shut-In Pressure	<u>916</u> PSI		(depth) <u>46</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>53</u> PSI		Recorder No. <u>13309</u>	Circ Sub <u>X N/C</u>
(F) Second Final Flow Pressure	<u>88</u> PSI		(depth) <u>4736</u>	Sampler _____
(G) Final Shut-In Pressure	<u>754</u> PSI	Initial Opening <u>30</u>		Straddle <u>X</u> <u>250</u>
(Q) Final Hydrostatic Mud	<u>2282</u> PSI	Initial Shut-In <u>60</u>		Ext. Packer <u>X</u> <u>150</u>
		Final Flow <u>60</u>		Shale Packer _____
		Final Shut-In <u>90</u>		Mileage <u>1 way 60 120</u>
		T-On Location <u>1800</u>		Sub Total: <u>1520</u>
		T-Started <u>1845</u>		Std. By _____
		T-Open <u>2042</u>		Other _____
		T-Pulled <u>0044</u>		Total: _____
		T-Out <u>0321</u>		

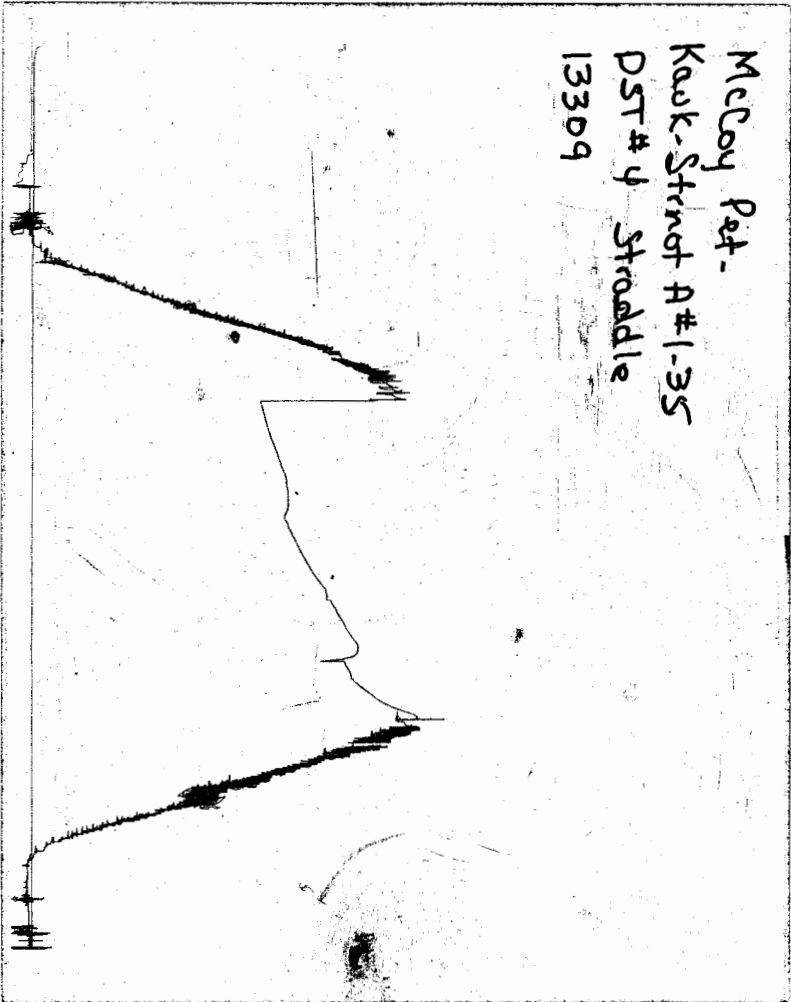
Approved By Bob O'Dell  
 Our Representative Rod Steinbrink

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.

**CHART PAGE**

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

McCoy Pet.  
Kask-Strout A#1-35  
DST # 4 Straddle  
13309



**CHART PAGE**

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

