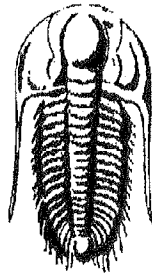


15-195-22562

19-15s-23w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Co Inc**

8080 E Central Ste 300
Wichita KS 67206-2366

ATTN: Scott Hampel

19 15S 23W Trego KS

Rohr Unit A # 1-19

Start Date: 2008.07.04 @ 15:56:17

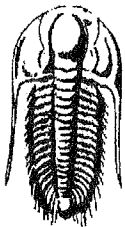
End Date: 2008.07.05 @ 00:15:11

Job Ticket #: 32891 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Co Inc

8080 E Central Ste 300
Wichita KS 67206-2366

ATTN: Scott Hampel

Rohr Unit A # 1-19

19 15S 23W Trego KS

Job Ticket: 32891

DST#: 1

Test Start: 2008.07.04 @ 15:56:17

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:07:12

Time Test Ended: 00:15:11

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 4354.00 ft (KB) To 4400.00 ft (KB) (TVD)

Total Depth: 4400.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2425.00 ft (KB)

2420.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8365

Inside

Press@RunDepth: 33.43 psig @ 4366.01 ft (KB)

Start Date: 2008.07.04

End Date:

2008.07.05

Start Time: 15:56:17

End Time:

00:15:11

Capacity: 7000.00 psig

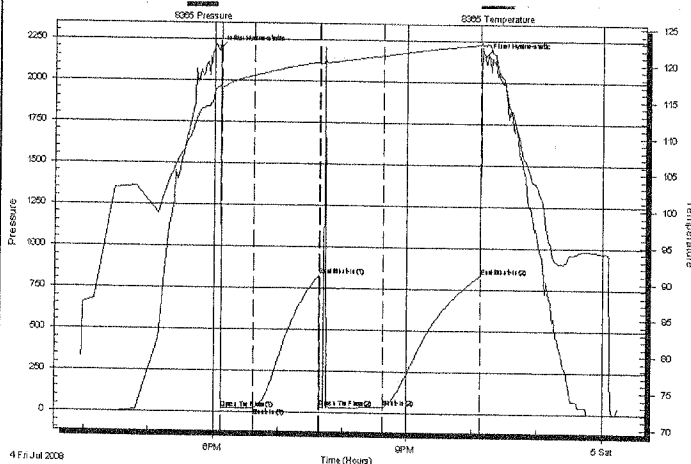
Last Calib.: 2008.07.05

Time On Btm: 2008.07.04 @ 18:04:42

Time Off Btm: 2008.07.04 @ 22:12:11

TEST COMMENT: IFP 1/4 " bl died in 20 min
FFP No bl flushed tool
Times 30 60 60 90

Pressure vs. Time



PRESSURE SUMMARY

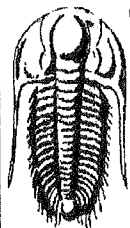
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.32	116.74	Initial Hydro-static
3	20.93	116.28	Open To Flow (1)
33	25.71	118.29	Shut-In(1)
94	828.28	120.21	End Shut-In(1)
94	27.30	119.88	Open To Flow(2)
153	33.43	121.15	Shut-In(2)
243	834.17	122.77	End Shut-In(2)
248	2154.83	122.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 5%O 95%M	0.12

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Co Inc

Rohr Unit A # 1-19

8080 E Central Ste 300
Wichita KS 67206-2366

19 15S 23W Trego KS

Job Ticket: 32891

DST#: 1

ATTN: Scott Hampel

Test Start: 2008.07.04 @ 15:56:17

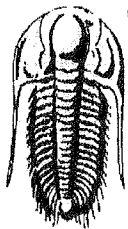
Tool Information

Drill Pipe:	Length: 4239.00 ft	Diameter: 3.80 inches	Volume: 59.46 bbl	Tool Weight: 2200.00 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: 65000.00 lb
		Total Volume:	60.05 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4354.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.02 ft			
Tool Length:	67.02 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			4334.00	
Shut In Tool	5.00			4339.00	
Hydraulic tool	5.00			4344.00	
Packer	5.00			4349.00	21.00 Bottom Of Top Packer
Packer	5.00			4354.00	
Stubb	1.00			4355.00	
Perforations	11.00			4366.00	
Recorder	0.01	8365	Inside	4366.01	
Recorder	0.01	6625	Outside	4366.02	
Blank Spacing	31.00			4397.02	
Bullnose	3.00			4400.02	46.02 Bottom Packers & Anchor

Total Tool Length: 67.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Co Inc

Rohr Unit A # 1-19

8080 E Central Ste 300
Wichita KS 67206-2366

19 15S 23W Trego KS

Job Ticket: 32891

DST#: 1

ATTN: Scott Hampel

Test Start: 2008.07.04 @ 15:56:17

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	OCM 5%O 95%M	0.123

Total Length: 25.00 ft

Total Volume: 0.123 bbl

Num Fluid Samples: 0

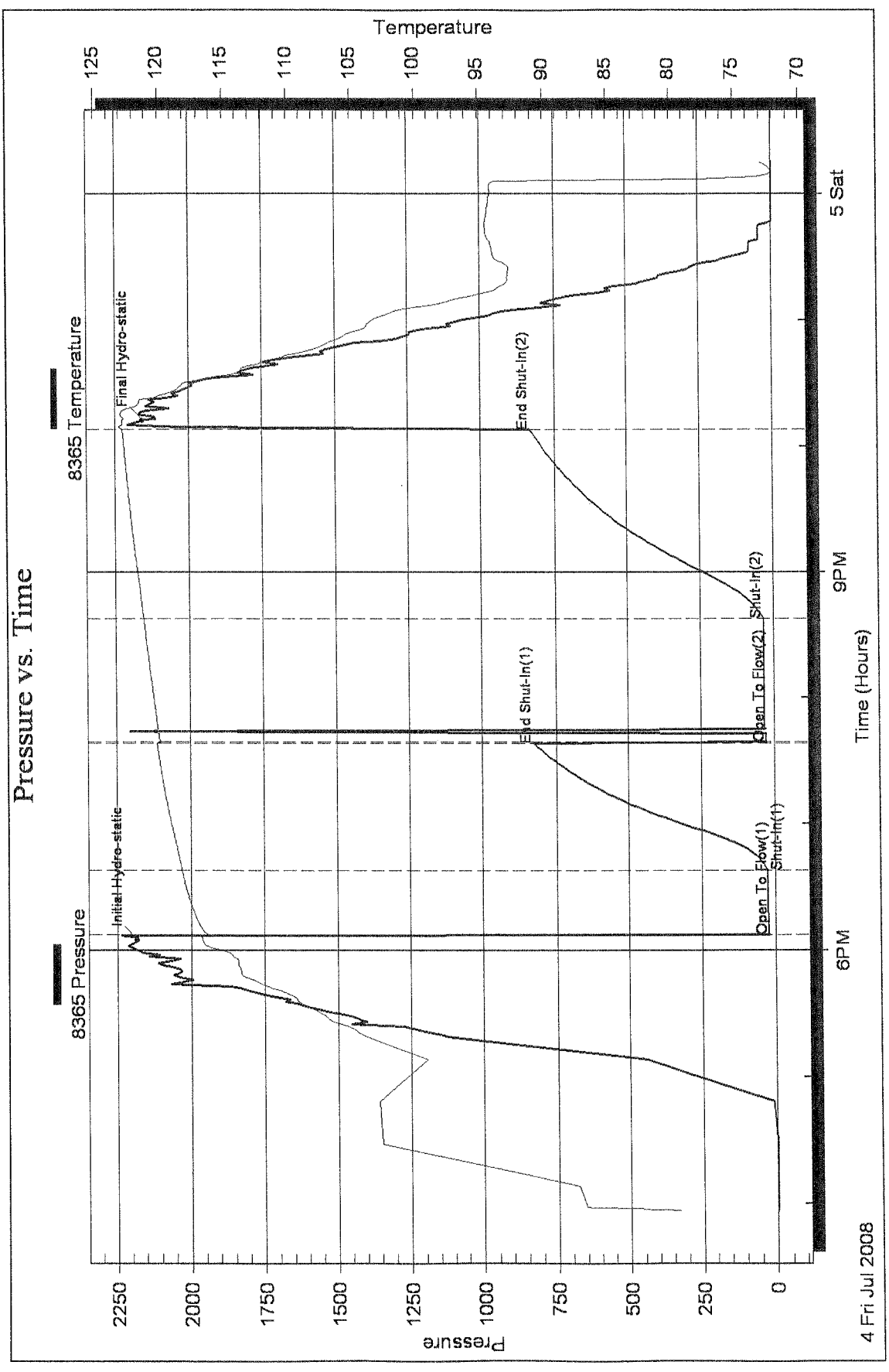
Num Gas Bombs: 0

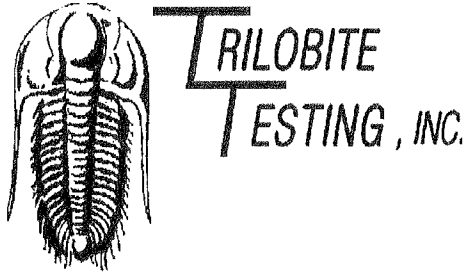
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Co Inc**

8080 E Central Ste 300
Wichita KS 67206-2366

ATTN: Scott Hampel

19 15S 23W Trego KS

Rohr Unit A # 1-19

Start Date: 2008.07.05 @ 06:41:09

End Date: 2008.07.05 @ 14:32:03

Job Ticket #: 32892 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Co Inc

8080 E Central Ste 300
Wichita KS 67206-2366

ATTN: Scott Hampel

Rohr Unit A # 1-19

19 15S 23W Trego KS

Job Ticket: 32892

DST#: 2

Test Start: 2008.07.05 @ 06:41:09

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 08:38:04

Time Test Ended: 14:32:03

Interval: **4354.00 ft (KB) To 4407.00 ft (KB) (TVD)**

Total Depth: **4407.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Reference Elevations: **2425.00 ft (KB)**

2420.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8365

Inside

Press@RunDepth: **86.53 psig @ 4356.01 ft (KB)**

Start Date: **2008.07.05**

End Date:

2008.07.05

Start Time: **06:41:09**

End Time:

14:32:03

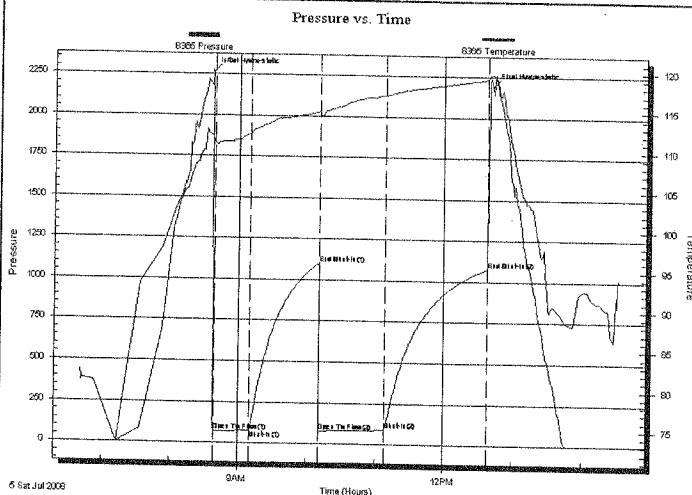
Capacity: **7000.00 psig**

Last Calib.: **2008.07.05**

Time On Btm: **2008.07.05 @ 08:36:34**

Time Off Btm: **2008.07.05 @ 12:42:33**

TEST COMMENT: IFF Wk bl thru-out 1/2 " to 2 1/4 " bl
FFP No bl
Times 30 60 90



PRESSURE SUMMARY

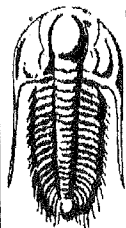
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2264.13	111.66	Initial Hydro-static
2	68.82	111.00	Open To Flow (1)
34	76.53	112.10	Shut-In(1)
94	1098.08	114.87	End Shut-In(1)
94	78.05	114.40	Open To Flow (2)
152	86.53	117.00	Shut-In(2)
242	1078.67	119.13	End Shut-In(2)
246	2190.21	119.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	OCWM 4%O 40%W 56%M	0.37

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Co Inc

Rohr Unit A # 1-19

8080 E Central Ste 300
Wichita KS 67206-2366

19 15S 23W Trego KS

Job Ticket: 32892

DST#:2

ATTN: Scott Hampel

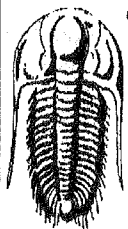
Test Start: 2008.07.05 @ 06:41:09

Tool Information

Drill Pipe:	Length: 4240.00 ft	Diameter: 3.80 inches	Volume: 59.48 bbl	Tool Weight: 2200.00 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: 75000.00 lb
		Total Volume:	60.07 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4354.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.02 ft			
Tool Length:	75.02 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			4334.00	
Shut In Tool	5.00			4339.00	
Hydraulic tool	5.00			4344.00	
Packer	5.00			4349.00	21.00 Bottom Of Top Packer
Packer	5.00			4354.00	
Stubb	1.00			4355.00	
Perforations	1.00			4356.00	
Recorder	0.01	8365	Inside	4356.01	
Recorder	0.01	6625	Outside	4356.02	
Blank Spacing	31.00			4387.02	
Perforations	18.00			4405.02	
Bullnose	3.00			4408.02	54.02 Bottom Packers & Anchor
Total Tool Length:		75.02			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Co Inc

Rohr Unit A # 1-19

8080 E Central Ste 300
Wichita KS 67206-2366

19 15S 23W Trego KS

Job Ticket: 32892

DST#: 2

ATTN: Scott Hampel

Test Start: 2008.07.05 @ 06:41:09

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.80 in³

Resistivity: ohm.m

Salinity: 4900.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity: 28000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	OCWM 4%O 40%W 56%M	0.369

Total Length: 75.00 ft Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .23 @ 70F

DST Test Number: 2

19 15S 23W Trego KS

McCoy Petroleum Co Inc

Inside

Serial #: 8365

Pressure vs. Time

