

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 E.Central Ste.300
Wichita Ks. 67206

ATTN: Bob O'Dell

30-30s-9w Kingman

Dirks M#1-30

Start Date: 2004.07.15 @ 15:47:23

End Date: 2004.07.16 @ 01:33:53

Job Ticket #: 19167 DST #: 1

RECEIVED
SEP 09 2004
KCC WICHITA

KCC
SEP 08 2004
CONFIDENTIAL

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petl. Corp.

8080 E. Central Ste. 300
Wichita Ks. 67206

ATTN: Bob O'Dell

Dirks M#1-30

30-30s-9w Kingman

Job Ticket: 19167

DST#: 1

Test Start: 2004.07.15 @ 15:47:23

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 19:22:53

Time Test Ended: 01:33:53

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **4380.00 ft (KB) To 4392.00 ft (KB) (TVD)**

Total Depth: 4392.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1701.00 ft (KB)

1692.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6755

Inside

Press@RunDepth: 55.90 psig @ 4381.00 ft (KB)

Start Date: 2004.07.15

End Date:

2004.07.16

Start Time: 15:47:28

End Time:

01:33:53

Capacity: 7000.00 psig

Last Calib.: 2004.07.16

Time On Btm: 2004.07.15 @ 19:18:08

Time Off Btm: 2004.07.15 @ 23:26:38

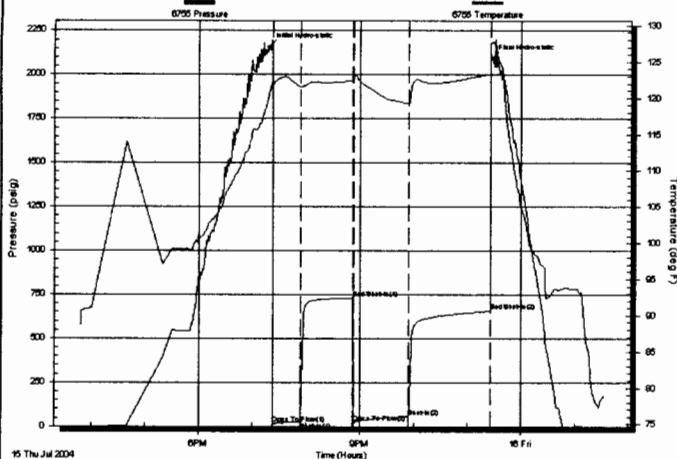
TEST COMMENT: IF: Strong blow . B.O.B. in 3.5 mins. GTS in 28 mins.

IS: Weak blow . 1/2".

FF: Strong blow . (see gas volume report)

FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2157.92	120.65	Initial Hydro-static
5	16.18	121.75	Open To Flow (1)
36	28.10	121.45	Shut-In (1)
94	730.70	122.41	End Shut-In (1)
94	19.90	122.66	Open To Flow (2)
156	55.90	119.22	Shut-In (2)
247	656.55	123.33	End Shut-In (2)
249	2092.39	127.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WM with oil soecs 15%w 85%m	0.30
45.00	Mud with oil specs 1%o 9%w 90%m	0.22

Gas Rates

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

McCoy Petl. Corp.

Dirks M#1-30

8080 E. Central Ste. 300
Wichita Ks. 67206

30-30s-9w Kingman

Job Ticket: 19167

DST#: 1

ATTN: Bob O'Dell

Test Start: 2004.07.15 @ 15:47:23

Tool Information

Drill Pipe:	Length: 4136.00 ft	Diameter: 3.80 inches	Volume: 58.02 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: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 74000.00 lb
		Total Volume: 59.20 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4380.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	39.00 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			4354.00	
Shut In Tool	5.00			4359.00	
Hydraulic tool	5.00			4364.00	
Jars	5.00			4369.00	
Safety Joint	2.00			4371.00	
Packer	4.00			4375.00	27.00 Bottom Of Top Packer
Packer	5.00			4380.00	
Stubb	1.00			4381.00	
Recorder	0.00	6755	Inside	4381.00	
Perforations	6.00			4387.00	
Recorder	0.00	13222	Outside	4387.00	
Bullnose	5.00			4392.00	12.00 Bottom Packers & Anchor

Total Tool Length: 39.00



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FLUID SUMMARY

McCoy Petr. Corp.

Dirks M#1-30

8080 E. Central Ste. 300
Wichita Ks. 67206

30-30s-9w Kingman

Job Ticket: 19167

DST#: 1

ATTN: Bob O'Dell

Test Start: 2004.07.15 @ 15:47:23

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:

6000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WM with oil soecs 15%w 85%m	0.295
45.00	Mud with oil specs 1%o 9%w 90%m	0.221

Total Length: 105.00 ft

Total Volume: 0.516 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Dirks M#1-30
30-30s-9w Kingman

DST Test Number: 1

Serial #: 6755 Inside McCoy Pet. Corp.

