



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

P.O.Box 780208
Wichita KS 67278

ATTN: Corey Baker

19-26s-20w Edwards K

Marcy A-2-19

Start Date: 2001.06.24 @ 14:43:16

End Date: 2001.06.25 @ 01:10:15

Job Ticket #: 14069 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petl.Corp.

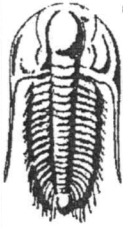
Marcy A-2-19

19-26s-20w Edwards K

DST # 1

Mississippi

2001.06.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petl.Corp.

Marcy A 2-19

P.O.Box 780208
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19-26s-20w Edwards K

Job Ticket: 14069

DST#: 1

ATTN: Corey Baker

Test Start: 2001.06.24 @ 14:43:16

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:15:15

Time Test Ended: 01:10:15

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 13

Interval: **4734.00 ft (KB) To 4775.00 ft (KB) (TVD)**

Reference Elevations: 2262.00 ft (KB)

Total Depth: 4775.00 ft (KB) (TVD)

2257.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: **2342** Inside

Press@RunDepth: 122.86 psig @ 4735.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.06.24 End Date: 2001.06.25

Last Calib.: 2001.01.04

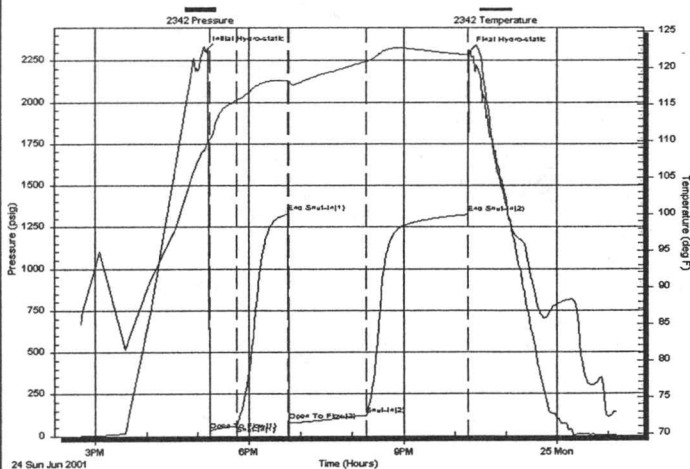
Start Time: 14:43:16 End Time: 01:10:15

Time On Btm: 2001.06.24 @ 17:09:45

Time Off Btm: 2001.06.24 @ 22:17:45

TEST COMMENT: IF:Strong blow . B.O.B. in 4 mins.
ISI:No blow .
FF:Strong blow . B.O.B. in 2 - 3 secs. GTS in 41 mins.
TSTM for Window s program. (see hard copy)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2307.59	109.27	Initial Hydro-static
6	27.69	110.21	Open To Flow (1)
36	56.73	115.49	Shut-In(1)
96	1330.75	118.25	End Shut-In(1)
97	83.50	118.17	Open To Flow (2)
187	122.86	120.86	Shut-In(2)
306	1325.72	121.78	End Shut-In(2)
308	2303.89	121.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas in all fluid free pipe.	0.00
120.00	GMCO 45%g 30%o 25%m	1.68
130.00	GOCM 25%g 15% o 60%m	1.82

Gas Rates

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



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TOOL DIAGRAM

McCoy Petl. Corp.

Marcy A 2-19

P.O.Box 780208
Wichita KS 67278

19-26s-20w Edwards K

Job Ticket: 14069

DST#: 1

ATTN: Corey Baker

Test Start: 2001.06.24 @ 14:43:16

Tool Information

Drill Pipe:	Length: 4837.00 ft	Diameter: 3.80 inches	Volume: 67.85 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: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 67.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	125.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4734.00 ft			Final 50500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4713.00	
S.I. Tool	5.00			4718.00	
HMV	5.00			4723.00	
Safety Joint	2.00			4725.00	
Packer	4.00			4729.00	22.00 Bottom Of Top Packer
Packer	5.00			4734.00	
Stubb	1.00			4735.00	
Recorder	0.00	2342	Inside	4735.00	
Perforations	35.00			4770.00	
Recorder	0.00	10248	Outside	4770.00	
Bullnose	5.00			4775.00	41.00 Bottom Packers & Anchor

Total Tool Length: 63.00



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FLUID SUMMARY

McCoy Petl.Corp.

Marcy A 2-19

P.O.Box 780208
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Job Ticket: 14069

DST#: 1

ATTN: Corey Baker

Test Start: 2001.06.24 @ 14:43:16

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: 41.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Gas in all fluid free pipe.	0.000
120.00	GMCO 45%g 30%o 25%m	1.683
130.00	GOCM 25%g 15% o 60%m	1.824

Total Length: 250.00 ft

Total Volume: 3.507 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp

Laboratory Name: Caraw ay

Laboratory Location: Liberal KS

Recovery Comments:

Pressure vs. Time

