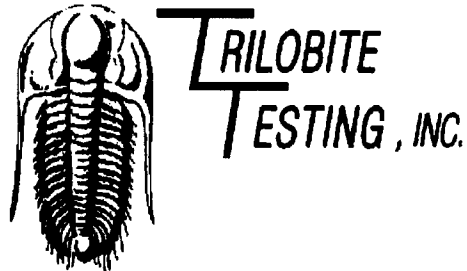


15-047-21589

29-25-18w

IND



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E. Central, Ste. 300
Wichita, KS 67206

ATTN: Robert Hendrix

CONFIDENTIAL
Oct 30 2009

29 25 18 Edwards KS

Bernatzki A # 2-29

Start Date: 2009.09.10 @ 01:20:54

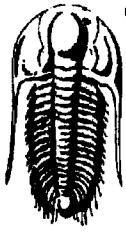
End Date: 2009.09.10 @ 08:54:54

Job Ticket #: 36479 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 Corporation

8080 E. Central, Ste. 300
Wichita, KS 67206

ATTN: Robert Hendrix

Bernatzki A # 2-29

29 25 18 Edwards KS

Job Ticket: 36479

DST#: 1

Test Start: 2009.09.10 @ 01:20:54

GENERAL INFORMATION:

Formation: **Lecompton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:20:54

Time Test Ended: 08:54:54

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **3824.00 ft (KB) To 3850.00 ft (KB) (TVD)**

Total Depth: 3850.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2188.00 ft (KB)

2179.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 81.12 psig @ 3825.00 ft (KB)

Start Date: 2009.09.10

End Date:

2009.09.10

Capacity: 8000.00 psig

Last Calib.: 2009.09.10

Start Time: 01:20:55

End Time:

08:54:54

Time On Btm: 2009.09.10 @ 03:18:54

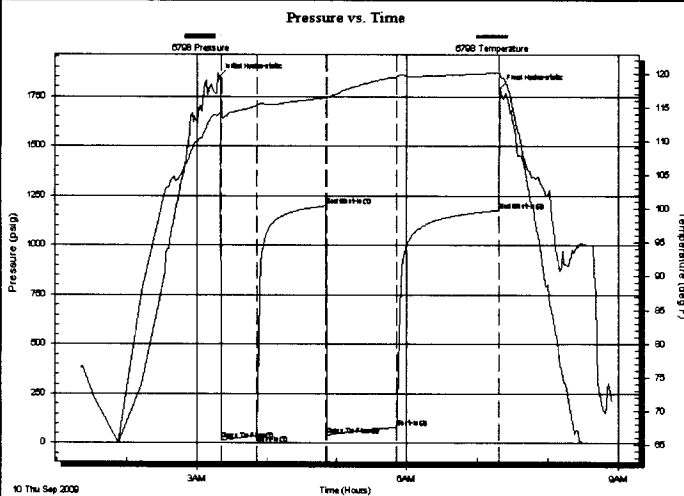
Time Off Btm: 2009.09.10 @ 07:19:24

TEST COMMENT: IF:Weak blow . Built to 4".

IS:No blow .

FF:Weak blow . Built to 3 1/4".

FS:No blow



PRESSURE SUMMARY

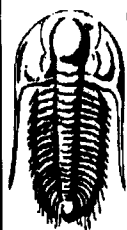
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1845.95	114.04	Initial Hydro-static
2	15.09	113.67	Open To Flow(1)
33	39.26	115.27	Shut-In(1)
92	1198.86	116.43	End Shut-In(1)
93	41.66	116.30	Open To Flow(2)
152	81.12	119.56	Shut-In(2)
240	1177.15	120.17	End Shut-In(2)
241	1790.40	119.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MW 35%w 65%w	0.64
0.00	RW = .093 @ 110 deg.	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Bernatzki A # 2-29

8080 E. Central, Ste. 300
Wichita, KS 67206

29 25 18 Edwards KS

Job Ticket: 36479

DST#: 1

ATTN: Robert Hendrix

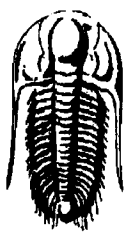
Test Start: 2009.09.10 @ 01:20:54

Tool Information

Drill Pipe:	Length: 3602.00 ft	Diameter: 3.80 inches	Volume: 50.53 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: 217.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	51.60 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3824.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	49.00 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			3806.00	
Hydraulic tool	5.00			3811.00	
Safety Joint	3.00			3814.00	
Packer	5.00			3819.00	23.00 Bottom Of Top Packer
Packer	5.00			3824.00	
Stubb	1.00			3825.00	
Recorder	0.00	6798	Inside	3825.00	
Recorder	0.00	8367	Inside	3825.00	
Perforations	22.00			3847.00	
Bullnose	3.00			3850.00	26.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Bernatzki A # 2-29

8080 E. Central, Ste. 300
Wichita, KS 67206

29 25 18 Edwards KS

Job Ticket: 36479

DST#: 1

ATTN: Robert Hendrix

Test Start: 2009.09.10 @ 01:20:54

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:

56000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MW 35%w 65%m	0.639
0.00	RW = .093 @ 110 deg.	0.000

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

