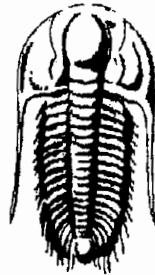


28-30s-31w



TRILOBITE
TESTING, INC.

KCC
FEB 26 2007
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporationm**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

28 30 31 Haskell KS

Patterson B #2-28

Start Date: 2007.02.11 @ 12:00:43

End Date: 2007.02.11 @ 19:32:13

Job Ticket #: 24479

DST #: 1

15-081-21699

SW SW NW

2310 FNL 330 FWL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2007.02.19 @ 10:38:47 Page 1

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 27 2007

CONSERVATION DIVISION
WICHITA, KS

McCoy Petroleum Corporationm

Patterson B #2-28

28 30 31 Haskell KS

DST # 1

Atoka

2007.02.11



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corporationm

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Patterson B #2-28

28 30 31 Haskell KS

Job Ticket: 24479

DST#: 1

Test Start: 2007.02.11 @ 12:00:43

GENERAL INFORMATION:

Formation: **Atoka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:08:28

Time Test Ended: 19:32:13

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5265.00 ft (KB) To 5310.00 ft (KB) (TVD)**

Total Depth: 5310.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2855.00 ft (KB)

2842.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6751

Inside

Press@RunDepth: 28.26 psig @ 5300.00 ft (KB)

Start Date: 2007.02.11

End Date:

2007.02.11

Start Time: 12:00:44

End Time:

19:32:13

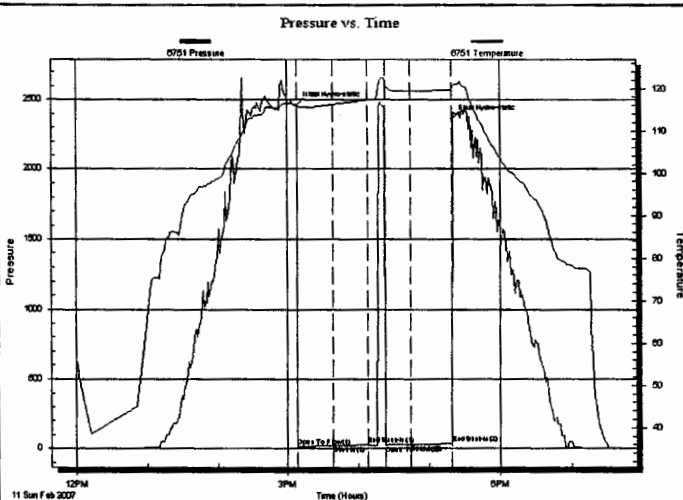
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.02.11 @ 15:08:13

Time Off Btm: 2007.02.11 @ 17:19:43

TEST COMMENT: IF Weak surface and died to nothing
ISI No blow back
FF Flushed tool weak surface and died to nothing
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.62	116.35	Initial Hydro-static
1	17.78	115.33	Open To Flow (1)
31	21.61	116.26	Shut-In(1)
61	29.54	117.33	End Shut-In(1)
75	26.68	121.66	Open To Flow (2)
96	28.26	119.35	Shut-In(2)
132	36.72	119.80	End Shut-In(2)
132	2359.31	120.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	5%W 95%M	0.46

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24479

DST#: 1

ATTN: Robert Hendrix

Test Start: 2007.02.11 @ 12:00:43

Tool Information

Drill Pipe:	Length: 4919.00 ft	Diameter: 3.80 inches	Volume: 69.00 bbl	Tool Weight:	2000.00 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: 354.00 ft	Diameter: 2.25 inches	Volume: 1.74 bbl	Weight to Pull Loose:	89000.00 lb	
			Total Volume:	70.74 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	89000.00 lb	
Depth to Top Packer:	5265.00 ft			Final	89000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	45.00 ft					
Tool Length:	68.00 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			5243.00	
Shut In Tool	5.00			5248.00	
Hydraulic tool	5.00			5253.00	
Safety Joint	3.00			5256.00	
Packer	5.00			5261.00	23.00 Bottom Of Top Packer
Packer	4.00			5265.00	
Stubb	1.00			5266.00	
Perforations	1.00			5267.00	
Change Over Sub	1.00			5268.00	
Drill Pipe	31.00			5299.00	
Change Over Sub	1.00			5300.00	
Recorder	0.00	6751	Inside	5300.00	
Perforations	6.00			5306.00	
Recorder	0.00	11018	Inside	5306.00	
Bullnose	4.00			5310.00	45.00 Bottom Packers & Anchor
Total Tool Length:		68.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporationm

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

ATTN: Robert Hendrix

Job Ticket: 24479

DST#: 1

Test Start: 2007.02.11 @ 12:00:43

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: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	5%W 95%M	0.457

Total Length: 93.00 ft

Total Volume: 0.457 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

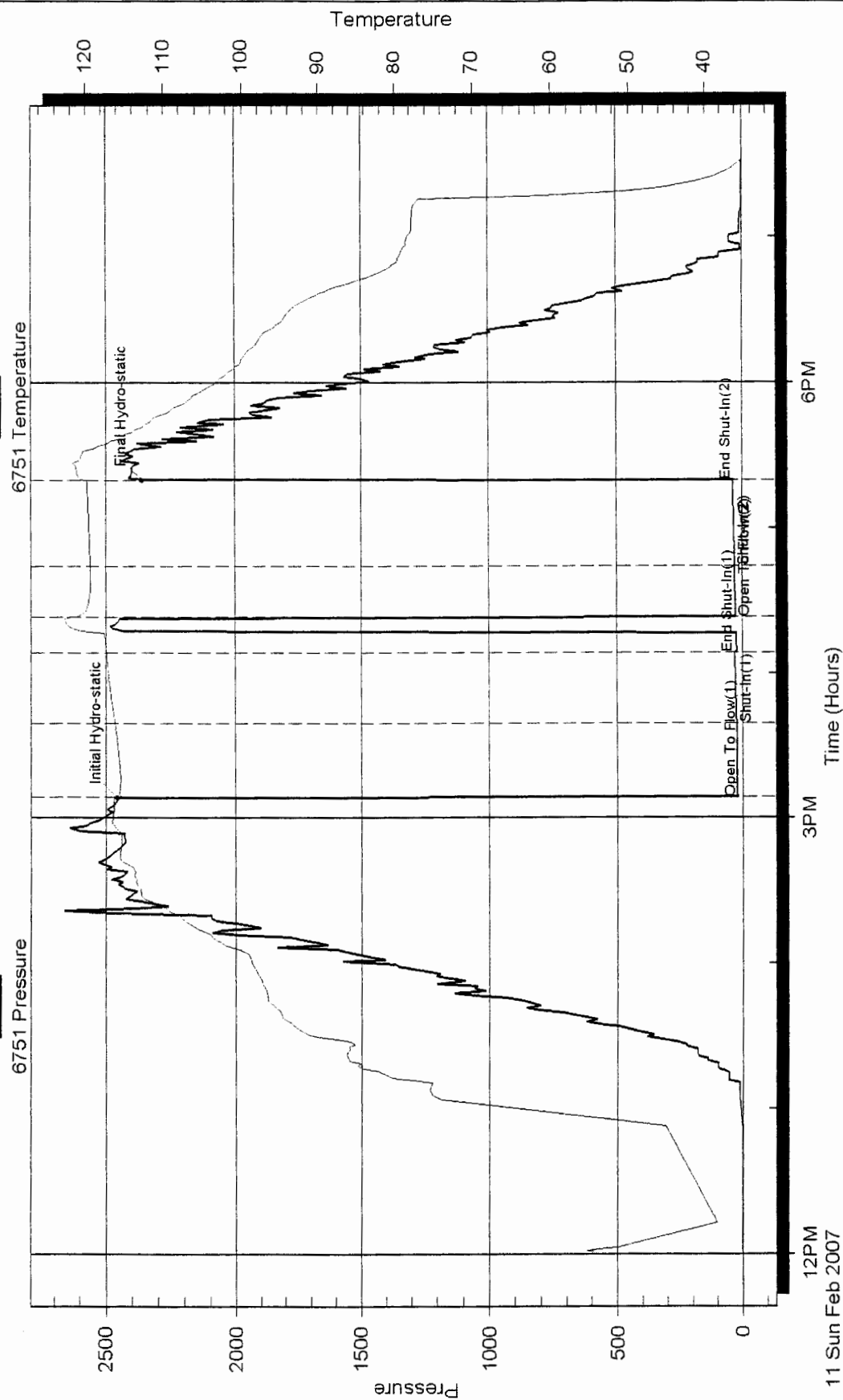
Serial #:

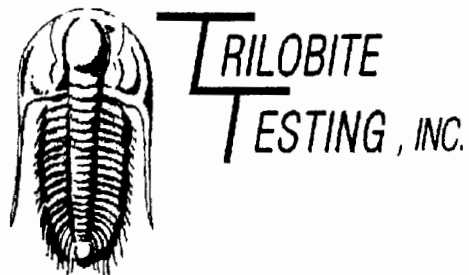
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporationm**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

28 30 31 Haskell KS

Patterson B #2-28

Start Date: 2007.02.12 @ 06:00:53

End Date: 2007.02.12 @ 16:33:53

Job Ticket #: 24480 DST #: 2

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 Corporationm

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Patterson B #2-28

28 30 31 Haskell KS

Job Ticket: 24480

DST#: 2

Test Start: 2007.02.12 @ 06:00:53

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:03:08

Time Test Ended: 16:33:53

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5304.00 ft (KB) To 5387.00 ft (KB) (TVD)**

Total Depth: 5387.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2855.00 ft (KB)

2842.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6751

Inside

Press@RunDepth: 57.36 psig @ 5370.00 ft (KB)

Start Date: 2007.02.12

End Date:

2007.02.12

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 06:00:54

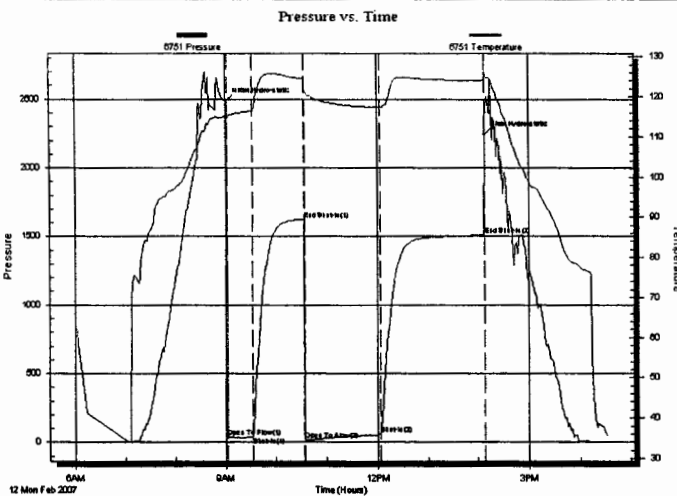
End Time:

16:33:53

Time On Btm: 2007.02.12 @ 09:02:08

Time Off Btm: 2007.02.12 @ 14:07:38

TEST COMMENT: IF Strong blow BOB ASAO GTS 17 min
ISI No blow back
FF BOB GTS ASAO
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2480.82	115.08	Initial Hydro-static
1	39.03	114.31	Open To Flow (1)
31	40.93	116.44	Shut-In(1)
91	1623.74	124.49	End Shut-In(1)
92	20.43	122.43	Open To Flow (2)
182	57.36	117.31	Shut-In(2)
305	1508.31	124.06	End Shut-In(2)
306	2240.06	124.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	0	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	9.00	8.76
Last Gas Rate	0.13	46.00	22.61
Max. Gas Rate	0.13	46.00	22.61



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24480

DST#: 2

ATTN: Robert Hendrix

Test Start: 2007.02.12 @ 06:00:53

Tool Information

Drill Pipe:	Length: 4957.00 ft	Diameter: 3.80 inches	Volume: 69.53 bbl	Tool Weight: 2000.00 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: 354.00 ft	Diameter: 2.25 inches	Volume: 1.74 bbl	Weight to Pull Loose: 110000.0 lb
			Total Volume: 71.27 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 89000.00 lb
Depth to Top Packer:	5304.00 ft			Final 89000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	106.00 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			5282.00	
Shut In Tool	5.00			5287.00	
Hydraulic tool	5.00			5292.00	
Safety Joint	3.00			5295.00	
Packer	5.00			5300.00	23.00 Bottom Of Top Packer
Packer	4.00			5304.00	
Stubb	1.00			5305.00	
Perforations	1.00			5306.00	
Change Over Sub	1.00			5307.00	
Drill Pipe	62.00			5369.00	
Change Over Sub	1.00			5370.00	
Recorder	0.00	6751	Inside	5370.00	
Perforations	13.00			5383.00	
Recorder	0.00	11018	Inside	5383.00	
Bullnose	4.00			5387.00	83.00 Bottom Packers & Anchor

Total Tool Length: 106.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporationm

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24480

DST#: 2

ATTN: Robert Hendrix

Test Start: 2007.02.12 @ 06:00:53

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	0	0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corporationm

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24480

DST#: 2

ATTN: Robert Hendrix

Test Start: 2007.02.12 @ 06:00:53

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	30	0.13	9.00	8.76
1	30	0.13	9.00	8.76
2	10	0.13	16.00	11.38
2	20	0.13	22.00	13.62
2	30	0.13	29.00	16.24
2	40	0.13	32.00	17.37
2	50	0.13	34.00	18.12
2	60	0.13	40.00	20.36
2	70	0.13	45.00	22.23
2	80	0.13	46.00	22.61

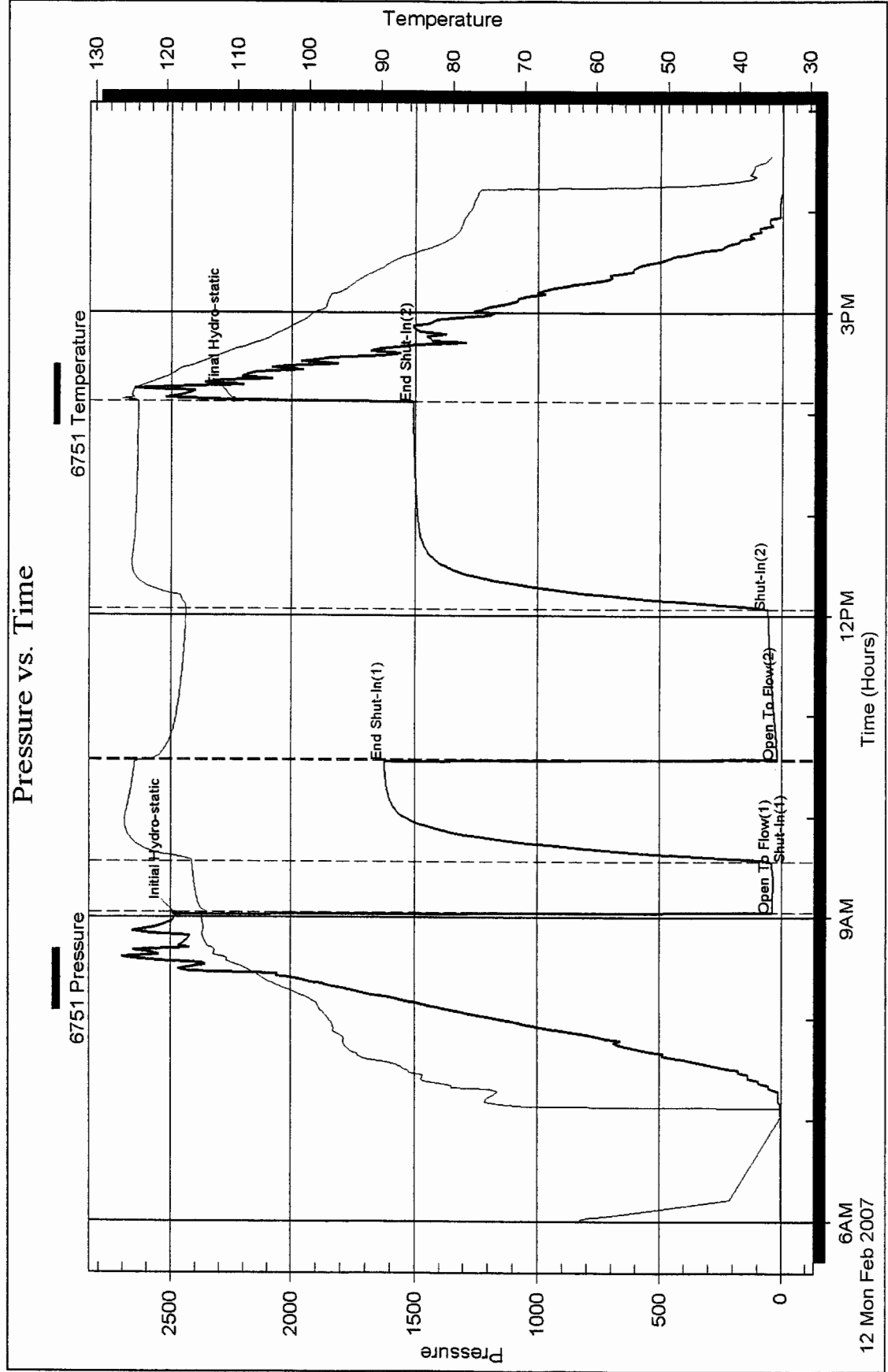
Serial #: 6751

Inside

McCoy Petroleum Corporation

28 30 31 Haskell KS

DST Test Number: 2



GAS VOLUME REPORT

Operator: McCoy Petroleum

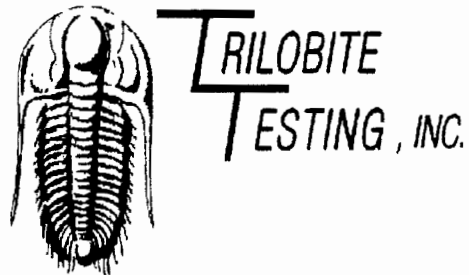
Vell Name: Patterson B #2-28

DST #:

2

Remarks:

[illegible]



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporationm**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

28 30 31 Haskell KS

Patterson B #2-28

Start Date: 2007.02.13 @ 18:00:53

End Date: 2007.02.14 @ 02:42:53

Job Ticket #: 24481 DST #: 3

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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Patterson B #2-28

28 30 31 Haskell KS

Job Ticket: 24481

DST#: 3

Test Start: 2007.02.13 @ 18:00:53

GENERAL INFORMATION:

Formation: **Morrow and all**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:06:38

Time Test Ended: 02:42:53

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5335.00 ft (KB) To 5563.00 ft (KB) (TVD)**

Total Depth: 5563.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2855.00 ft (KB)

2842.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6751

Inside

Press@RunDepth: 165.53 psig @ 5554.00 ft (KB)

Start Date: 2007.02.13

End Date:

2007.02.14

Start Time: 18:00:54

End Time:

02:42:53

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.02.13 @ 21:06:08

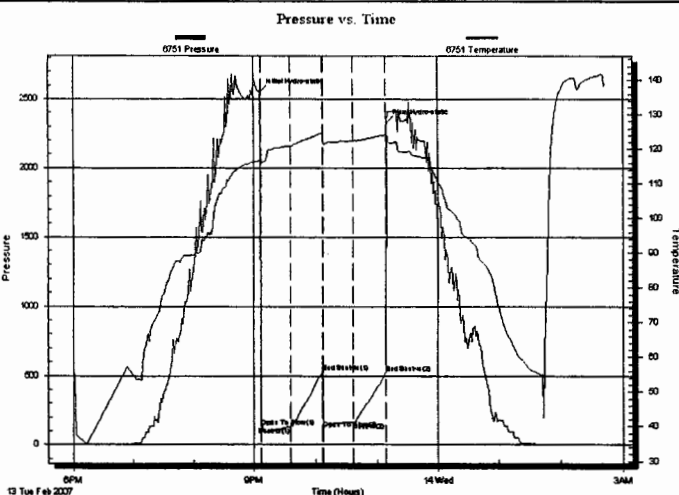
Time Off Btm: 2007.02.13 @ 23:09:38

TEST COMMENT: IF BOB ASAO GTS 6.5 min

ISF No BB

FF BOB GTS ASAO

FSI No BB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2548.41	116.66	Initial Hydro-static
1	131.46	115.92	Open To Flow (1)
30	126.92	120.96	Shut-In(1)
61	521.67	124.59	End Shut-In(1)
62	115.78	121.50	Open To Flow (2)
91	165.53	122.36	Shut-In(2)
123	521.57	124.19	End Shut-In(2)
124	2328.52	125.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	100% Mud	0.98
100.00	2%O 8%G 90%M	0.49

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	12.00	10.49
Last Gas Rate	0.13	8.00	8.90
Max. Gas Rate	0.13	14.00	11.28



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24481

DST#: 3

ATTN: Robert Hendrix

Test Start: 2007.02.13 @ 18:00:53

Tool Information

Drill Pipe: Length: 4983.00 ft Diameter: 3.80 inches Volume: 69.90 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 354.00 ft Diameter: 2.25 inches Volume: 1.74 bbl
Total Volume: 71.64 bbl

Tool Weight: 2000.00 lb
Weight set on Packer: 25000.00 lb
Weight to Pull Loose: 105000.0 lb
Tool Chased 0.00 ft
String Weight: Initial 90000.00 lb
Final 90000.00 lb

Drill Pipe Above KB: 25.00 ft
Depth to Top Packer: 5335.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 228.00 ft
Tool Length: 251.00 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			5313.00	
Shut In Tool	5.00			5318.00	
Hydraulic tool	5.00			5323.00	
Safety Joint	3.00			5326.00	
Packer	5.00			5331.00	23.00 Bottom Of Top Packer
Packer	4.00			5335.00	
Stubb	1.00			5336.00	
Perforations	1.00			5337.00	
Change Over Sub	1.00			5338.00	
Drill Pipe	215.00			5553.00	
Change Over Sub	1.00			5554.00	
Recorder	0.00	6751	Inside	5554.00	
Perforations	5.00			5559.00	
Recorder	0.00	11018	Inside	5559.00	
Bullnose	4.00			5563.00	228.00 Bottom Packers & Anchor

Total Tool Length: 251.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporationm

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24481

DST#: 3

ATTN: Robert Hendrix

Test Start: 2007.02.13 @ 18:00:53

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	100% Mud	0.984
100.00	2%O 8%G 90%M	0.492

Total Length: 300.00 ft

Total Volume: 1.476 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corporationm

Patterson B #2-28

8080 E Central Ste 300
Wichita KS 67206

28 30 31 Haskell KS

Job Ticket: 24481

DST#: 3

ATTN: Robert Hendrix

Test Start: 2007.02.13 @ 18:00:53

Gas Rates Information

Temperature: 1 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.13	12.00	10.49
1	20	0.13	12.00	10.49
1	30	0.13	14.00	11.28
2	10	0.13	5.00	7.71
2	20	0.13	8.00	8.90

Serial #: 6751

Inside

McCoy Petroleum Corporationm

28 30 31 Haskell KS

DST Test Number: 3

Pressure vs. Time

