



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

12-28S-34W Haskell

Daugherty "B" #1-12

Start Date: 2001.03.31 @ 10:15:00

End Date: 2001.03.31 @ 15:58:00

Job Ticket #: 13470 DST #: 1

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 Corp

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

Daugherty "B" #1-12

12-28S-34W Haskell

Job Ticket: 13470

DST#: 1

Test Start: 2001.03.31 @ 10:15:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:59:02

Time Test Ended: 15:58:00

Interval: **4767.00 ft (KB) To 4781.00 ft (KB) (TVD)**

Total Depth: 4795.00 ft (KB)

Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Mike Colantonio

Unit No: 20

Reference Elevations: 3048.00 ft (KB)

3037.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **3027** Inside

Press@RunDepth: 334.72 psig @ 4768.00 ft (KB)

Start Date: 2001.03.31

End Date: 2001.03.31

Start Time: 10:10:02

End Time: 18:59:47

Capacity: 7000.00 psig

Last Calib.: 2001.03.30

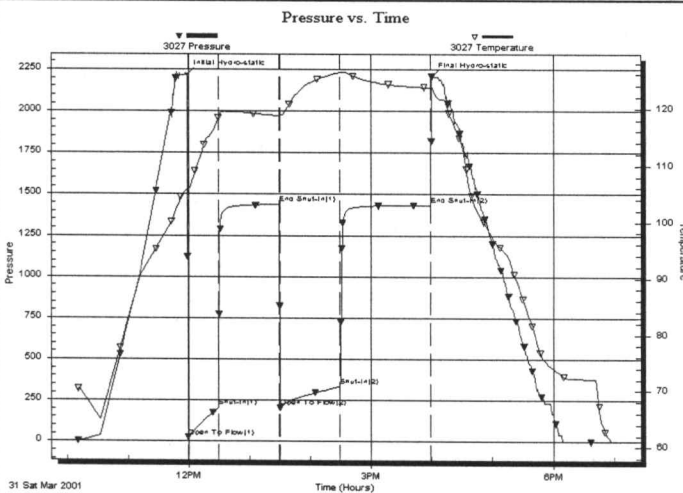
Time On Btm: 2001.03.31 @ 11:58:32

Time Off Btm: 2001.03.31 @ 15:59:32

TEST COMMENT: 1st opening weak surface blow

2nd opening No Blow

ISI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
109	2217.34	105.78	Initial Hydro-static
109	22.08	105.90	Open To Flow (1)
140	202.14	118.53	Shut-In(1)
200	1437.98	118.83	End Shut-In(1)
200	204.80	118.87	Open To Flow (2)
260	334.72	126.35	Shut-In(2)
349	1435.90	123.74	End Shut-In(2)
350	2205.05	123.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Water	2.07
120.00	Muddy water 85%w 15% m	0.87
70.00	Muddy water 50%w 50% m	0.98

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 Corp

Daugherty "B" #1-12

Box 780208
Wichita KS 67278-0208

12-28S-34W Haskell

Job Ticket: 13470

DST#: 1

ATTN: Tim Pierce

Test Start: 2001.03.31 @ 10:15:00

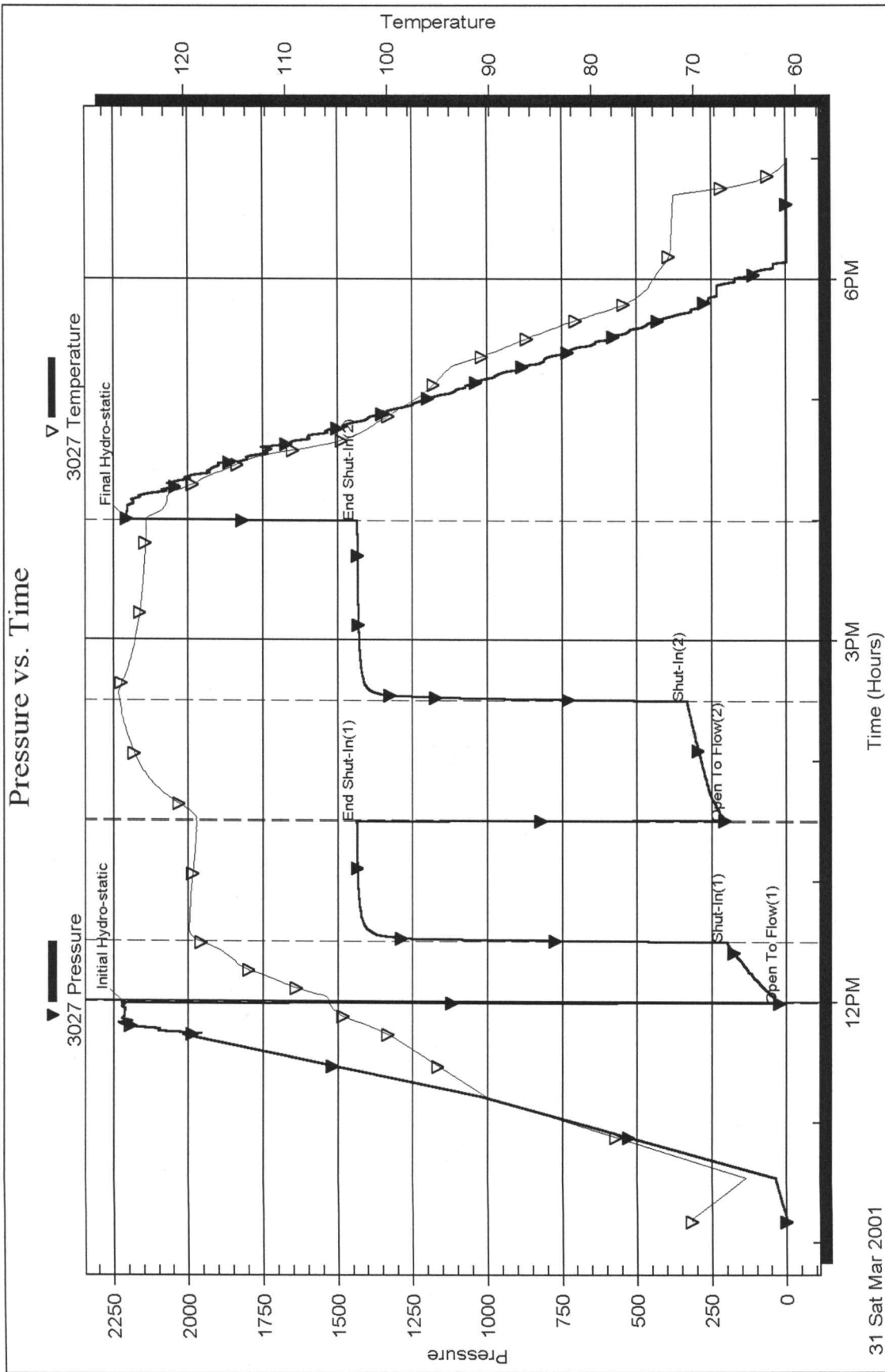
Tool Information

Drill Pipe:	Length: 4256.00 ft	Diameter: 3.80 inches	Volume: 59.70 bbl	Tool Weight: 1800.00 lb
Drill Collar:	Length: 509.00 ft	Diameter: 2.25 inches	Volume: 2.50 bbl	Weight set on Packer: 25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
Drill Pipe Above KB:	26.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	4762.00 ft			String Weight: Initial 85000.00 lb
Depth to Bottom Packer:	4777.00 ft			Final 85000.00 lb
Interval between Packers:	15.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4740.00	
HYD S.I. Tool	5.00			4745.00	
HMV	5.00			4750.00	
Jars	5.00			4755.00	
Safety Joint	2.00			4757.00	
Packer	5.00			4762.00	23.00 Bottom Of Top Packer
Packer	5.00			4767.00	
Stubb	1.00			4768.00	
Recorder	0.00	3027	Inside	4768.00	
P.O. Sub	5.00			4773.00	
Perforations	3.00			4776.00	
Recorder	0.00	13278	Outside	4776.00	
Blank Spacing	1.00			4777.00	15.00 Tool Interval
Packer	5.00			4782.00	
Perforations	11.00			4793.00	
Recorder	0.00	10993	Outside	4793.00	
Bullnose	2.00			4795.00	18.00 Bottom Packers & Anchor
Total Tool Length:		56.00			

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

12-28S-34W Haskell

Daugherty "B" #1-12

Start Date: 2001.04.01 @ 07:15:00

End Date: 2001.04.01 @ 11:58:00

Job Ticket #: 13471 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 Corp

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

Daugherty "B" #1-12

12-28S-34W Haskell

Job Ticket: 13471

DST#: 2

Test Start: 2001.04.01 @ 07:15:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:59:06

Time Test Ended: 11:58:00

Test Type: Conventional Bottom Hole

Tester: Mike Colantonio

Unit No: 20

Interval: **4851.00 ft (KB) To 4880.00 ft (KB) (TVD)**

Total Depth: 5880.00 ft (KB)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)

3037.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **3027** Inside

Press@RunDepth: 40.88 psig @ 4858.00 ft (KB)

Start Date: 2001.04.01

End Date:

2001.04.01

Start Time: 06:08:38

End Time:

13:10:51

Capacity: 7000.00 psig

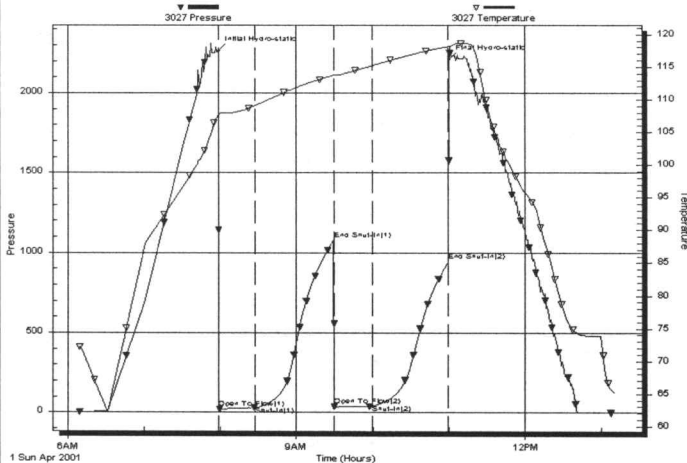
Last Calib.: 2001.04.01

Time On Btm: 2001.04.01 @ 07:58:51

Time Off Btm: 2001.04.01 @ 11:00:06

TEST COMMENT: 1st opening weak surface blow through
2nd opening no blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
111	2260.24	107.70	Initial Hydro-static
111	17.87	107.78	Open To Flow (1)
139	30.51	109.06	Shut-In (1)
201	1078.37	113.76	End Shut-In (1)
202	39.12	113.77	Open To Flow (2)
232	40.88	115.26	Shut-In (2)
291	945.49	118.15	End Shut-In (2)
292	2207.07	118.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig. Mud spec Oil	0.07

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 Corp

Daugherty "B" #1-12

Box 780208
Wichita KS 67278-0208

12-28S-34W Haskell

Job Ticket: 13471

DST#: 2

ATTN: Tim Pierce

Test Start: 2001.04.01 @ 07:15:00

Tool Information

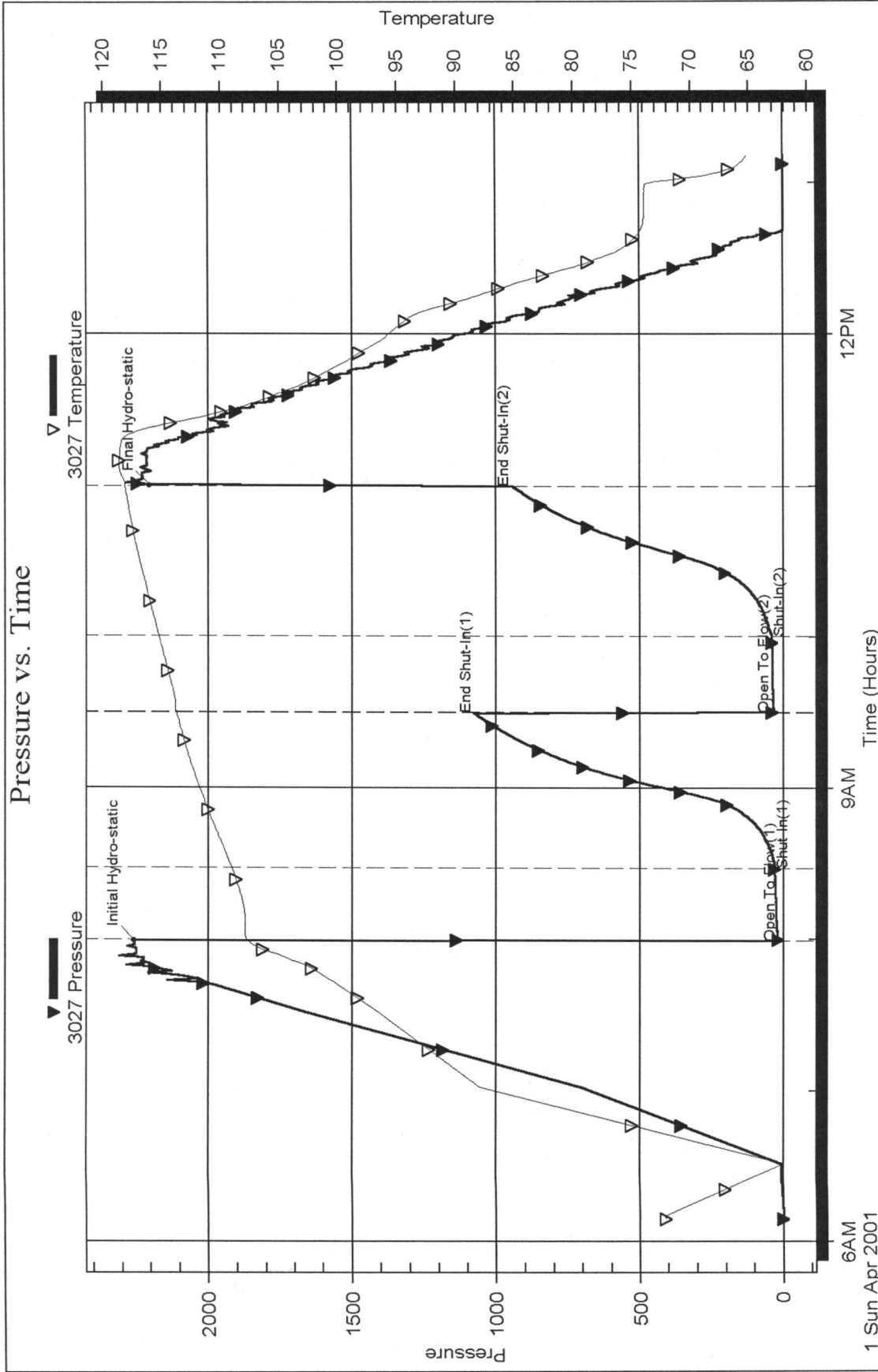
Drill Pipe:	Length: 4350.00 ft	Diameter: 3.80 inches	Volume: 61.02 bbl	Tool Weight: 1800.00 lb
Drill Collar:	Length: 509.00 ft	Diameter: 2.25 inches	Volume: 2.50 bbl	Weight set on Packer: 25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
Drill Pipe Above KB:	31.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	4851.00 ft			String Weight: Initial 90000.00 lb
Depth to Bottom Packer:	ft			Final 90000.00 lb
Interval between Packers:	ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4829.00	
HYD S.I. Tool	5.00			4834.00	
HMV	5.00			4839.00	
Jars	5.00			4844.00	
Safety Joint	2.00			4846.00	
Packer	5.00			4851.00	23.00 Bottom Of Top Packer
Packer	5.00			4856.00	
Stubb	1.00			4857.00	
Perforations	1.00			4858.00	
Recorder	0.00	3027	Inside	4858.00	
P.O. Sub	5.00			4863.00	
Perforations	15.00			4878.00	
Recorder	0.00	13278	Outside	4878.00	
Bullnose	2.00			4880.00	29.00 Bottom Packers & Anchor

Total Tool Length: 52.00

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

12-28S-34W Haskell

Daugherty "B" #1-12

Start Date: 2001.04.03 @ 05:45:00

End Date: 2001.04.03 @ 12:15:00

Job Ticket #: 13472 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corp

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

Daugherty "B" #1-12

12-28S-34W Haskell

Job Ticket: 13472

DST#: 3

Test Start: 2001.04.03 @ 05:45:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:17:17

Time Test Ended: 12:15:00

Test Type: Conventional Bottom Hole

Tester: Mike Colantonio

Unit No: 20

Interval: 5328.00 ft (KB) To 5365.00 ft (KB) (TVD)

Total Depth: 5365.00 ft (KB)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)

3037.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 3027 Inside

Press@RunDepth: 24.76 psig @ 5338.00 ft (KB)

Start Date: 2001.04.03

End Date: 2001.04.03

Start Time: 04:49:34

End Time: 13:42:02

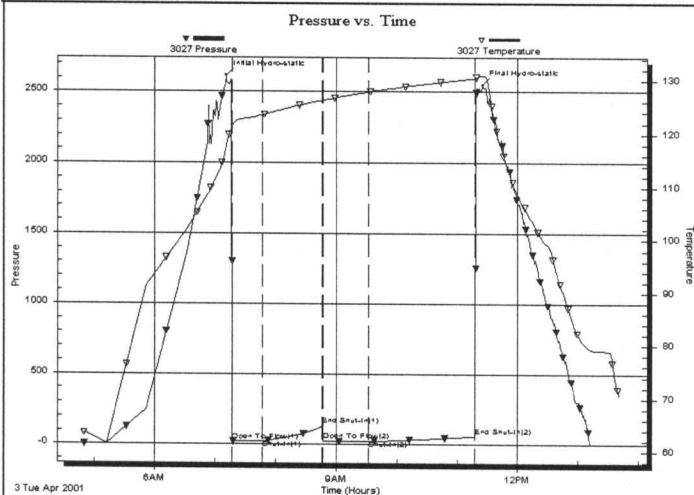
Capacity: 7000.00 psig

Last Calib.: 2001.03.30

Time On Btm: 2001.04.03 @ 07:11:02

Time Off Btm: 2001.04.03 @ 11:25:17

TEST COMMENT: 1st Opening weak surface blow built to .25"
2nd opening no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
142	2611.30	117.82	Initial Hydro-static
148	18.47	121.50	Open To Flow (1)
178	22.76	123.66	Shut-In(1)
237	129.94	126.38	End Shut-In(1)
238	22.72	126.41	Open To Flow (2)
283	24.76	127.96	Shut-In(2)
389	59.17	130.47	End Shut-In(2)
396	2548.81	130.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Drig. Mud	0.05

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Daugherty "B" #1-12

Box 780208
Wichita KS 67278-0208

12-28S-34W Haskell

ATTN: Tim Pierce

Job Ticket: 13472

DST#: 3

Test Start: 2001.04.03 @ 05:45:00

Tool Information

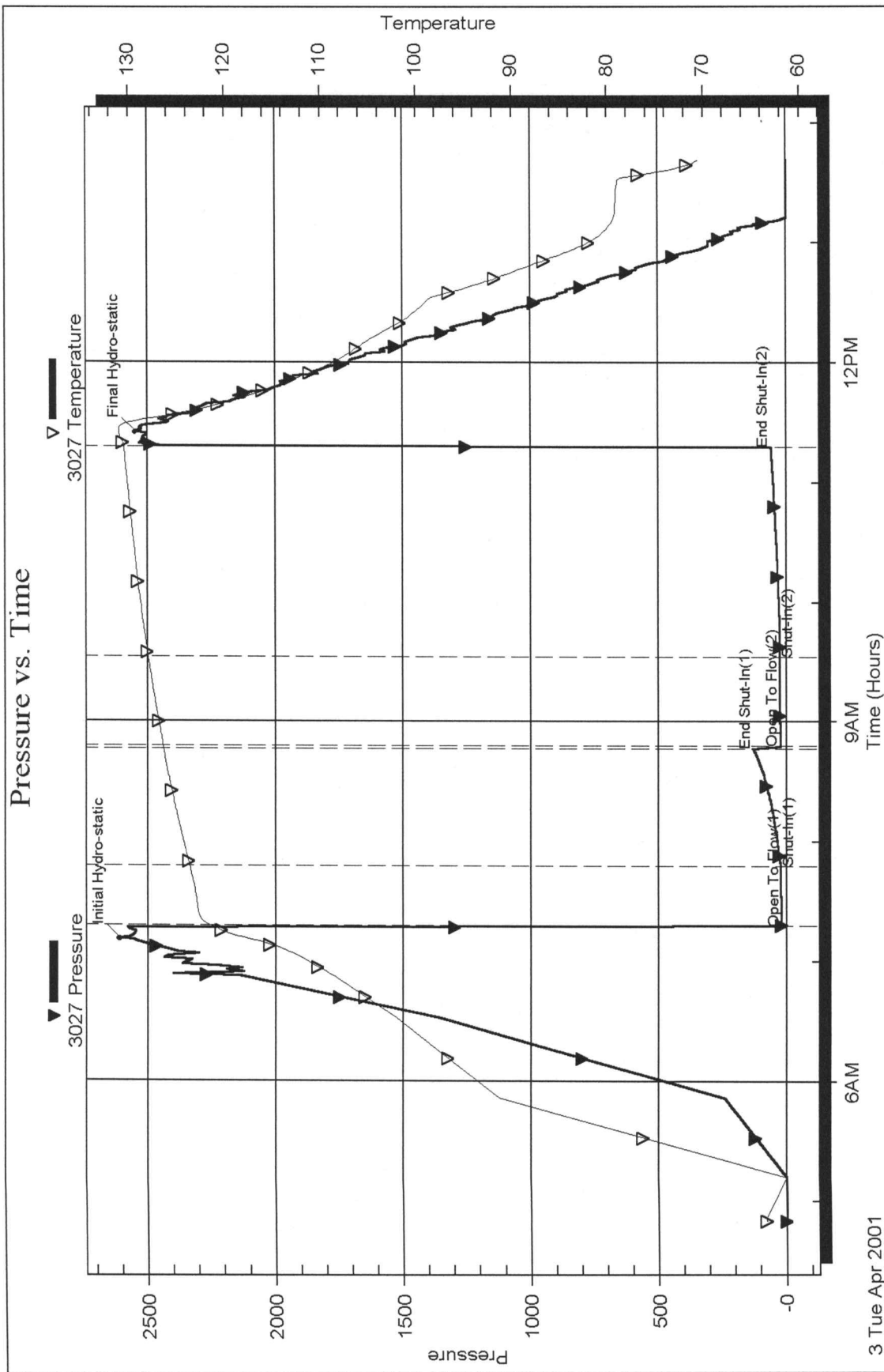
Drill Pipe:	Length: 4820.00 ft	Diameter: 3.80 inches	Volume: 67.61 bbl	Tool Weight: 1800.00 lb
Drill Collar:	Length: 509.00 ft	Diameter: 2.25 inches	Volume: 2.50 bbl	Weight set on Packer: 25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 100000.0 lb
Drill Pipe Above KB:	24.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	5328.00 ft			String Weight: Initial 92000.00 lb
Depth to Bottom Packer:	ft			Final 92000.00 lb
Interval between Packers:	ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5306.00	
HYD S.I. Tool	5.00			5311.00	
HMV	5.00			5316.00	
Jars	5.00			5321.00	
Safety Joint	2.00			5323.00	
Packer	5.00			5328.00	23.00 Bottom Of Top Packer
Packer	5.00			5333.00	
Stubb	1.00			5334.00	
Perforations	4.00			5338.00	
Recorder	0.00	3027	Inside	5338.00	
P.O. Sub	5.00			5343.00	
Perforations	20.00			5363.00	
Recorder	0.00	13278	Outside	5363.00	
Bullnose	2.00			5365.00	37.00 Bottom Packers & Anchor

Total Tool Length: 60.00

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

12-28S-34W Haskell

Daugherty "B" #1-12

Start Date: 2001.04.04 @ 11:15:00

End Date: 2001.04.04 @ 18:15:00

Job Ticket #: 13473 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
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DRILL STEM TEST REPORT

McCoy Petroleum Corp

Box 780208
Wichita KS 67278-0208

ATTN: Tim Pierce

Daugherty "B" #1-12

12-28S-34W Haskell

Job Ticket: 13473

DST#: 4

Test Start: 2001.04.04 @ 11:15:00

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:17:24

Time Test Ended: 18:15:00

Test Type: Conventional Bottom Hole

Tester: Mike Colantonio

Unit No: 20

Interval: **5462.00 ft (KB) To 5485.00 ft (KB) (TVD)**

Total Depth: 5485.00 ft (KB)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 3048.00 ft (KB)

3037.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **3027** Inside

Press@RunDepth: 96.98 psig @ 5468.00 ft (KB)

Start Date: 2001.04.04

End Date: 2001.04.04

Start Time: 10:13:41

End Time: 20:19:24

Capacity: 7000.00 psig

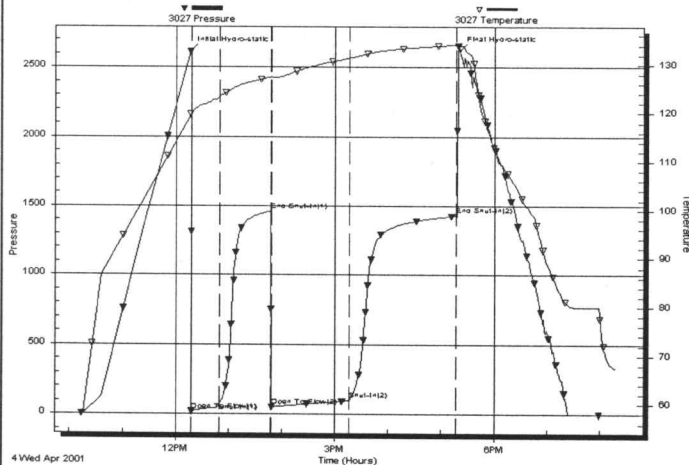
Last Calib.: 2001.03.30

Time On Btm: 2001.04.04 @ 12:15:54

Time Off Btm: 2001.04.04 @ 17:20:54

TEST COMMENT: 1st opening slow building blow built to 2.5"
2nd opening slow building blow built to B.O.B in 33 min.
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
123	2611.80	119.57	Initial Hydro-static
124	18.75	119.91	Open To Flow (1)
156	71.62	123.42	Shut-In(1)
214	1460.75	127.49	End Shut-In(1)
215	50.66	127.56	Open To Flow (2)
303	96.98	131.41	Shut-In(2)
424	1429.97	134.12	End Shut-In(2)
428	2618.03	134.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	G-S-O-C-M 10%Gas 5%Oil 85%Mud	0.07
60.00	G-O-M 40%Gas 20%Oil 40%Mud	0.30
60.00	G-M-O 48%Gas 30%Oil 2%Water 20%Mud	0.30

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 Corp

Daugherty "B" #1-12

Box 780208
Wichita KS 67278-0208

12-28S-34W Haskell

Job Ticket: 13473

DST#: 4

ATTN: Tim Pierce

Test Start: 2001.04.04 @ 11:15:00

Tool Information

Drill Pipe:	Length: 4946.00 ft	Diameter: 3.80 inches	Volume: 69.38 bbl	Tool Weight: 1800.00 lb
Drill Collar:	Length: 509.00 ft	Diameter: 2.25 inches	Volume: 2.50 bbl	Weight set on Packer: 25000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 110000.0 lb
Drill Pipe Above KB:	21.00 ft			Tool Chased 0.00 ft
Depth to Top Packer:	5457.00 ft			String Weight: Initial 98000.00 lb
Depth to Bottom Packer:	ft			Final 98000.00 lb
Interval between Packers:	ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

C.O. Sub	1.00			5435.00	
HYD S.I. Tool	5.00			5440.00	
HMV	5.00			5445.00	
Jars	5.00			5450.00	
Safety Joint	2.00			5452.00	
Packer	5.00			5457.00	23.00 Bottom Of Top Packer
Packer	5.00			5462.00	
Stubb	1.00			5463.00	
Perforations	5.00			5468.00	
Recorder	0.00	3027	Inside	5468.00	
P.O. Sub	5.00			5473.00	
Perforations	10.00			5483.00	
Recorder	0.00	13278	Outside	5483.00	
Bullnose	2.00			5485.00	28.00 Bottom Packers & Anchor

Total Tool Length: 51.00

Pressure vs. Time

