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DEC 18 2003
KCC WICHITA



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

PO Box 780208
Wichita KS 67278

15-047-21479

ATTN: Tim Lauer

27-25-20 ✓

Wetzel "R" Unit 2-27

Start Date: 2003.10.01 @ 02:19:41

End Date: 2003.10.01 @ 10:29:31

Job Ticket #: 16117 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

Wetzel "R" Unit 2-27

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Job Ticket: 16117

DST#: 1

ATTN: Tim Lauer

Test Start: 2003.10.01 @ 02:19:41

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:34:11

Time Test Ended: 10:29:31

Interval: **4652.00 ft (KB) To 4690.00 ft (KB) (TVD)**

Total Depth: 4690.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Reference Elevations: 2231.00 ft (KB)

2225.00 ft (CF)

KB to GR/CF: 6.00 ft

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Serial #: 3030

Inside

Press@RunDepth: 387.57 psig @ 4654.00 ft (KB)

Start Date: 2003.10.01

End Date:

2003.10.01

Start Time: 02:19:45

End Time:

10:29:31

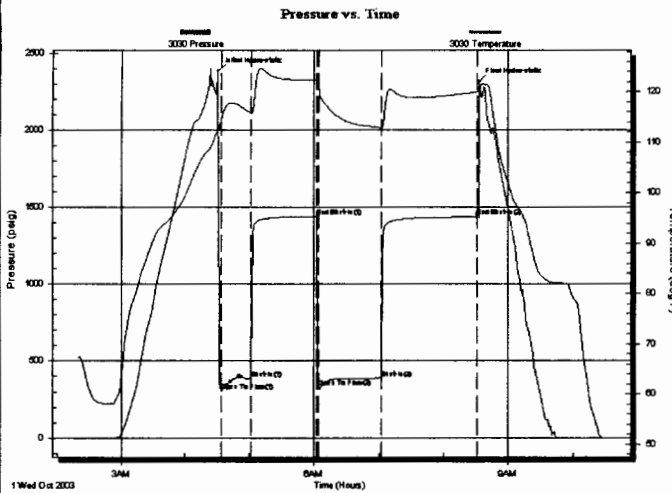
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.10.01 @ 04:31:21

Time Off Btm: 2003.10.01 @ 08:33:11

TEST COMMENT: F-strong blow BOB 15 sec GTS 2.5 min
IS-no blow back
FF-strong blow BOB as soon as open
FS-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2380.48	112.36	Initial Hydro-static
3	305.44	114.08	Open To Flow (1)
31	385.93	115.86	Shut-In(1)
91	1439.46	122.38	End Shut-In(1)
93	325.83	121.19	Open To Flow (2)
151	387.57	112.92	Shut-In(2)
240	1436.52	119.99	End Shut-In(2)
242	2310.65	120.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	10% G 90% M	0.15
124.00	5% G 95% M	0.61
132.00	5% G 95% M	1.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	70.00	1318.32
Last Gas Rate	1.00	89.00	2972.63
Max. Gas Rate	0.75	100.00	1786.91



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TOOL DIAGRAM

McCoy Petroleum Corp

Wetzel "R" Unit 2-27

PO Box 780208
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27-25-20

Job Ticket: 16117

DST#: 1

ATTN: Tim Lauer

Test Start: 2003.10.01 @ 02:19:41

Tool Information

Drill Pipe:	Length: 4405.00 ft	Diameter: 3.80 inches	Volume: 61.79 bbl	Tool Weight: 1800.00 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: 245.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume:	62.99 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4652.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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

Shut In Tool	5.00			4638.00	
Hydraulic tool	5.00			4643.00	
Packer	5.00			4648.00	19.00 Bottom Of Top Packer
Packer	4.00			4652.00	
Stubb	1.00			4653.00	
Perforations	1.00			4654.00	
Recorder	0.00	3030	inside	4654.00	
Perforations	33.00			4687.00	
Recorder	0.00			4687.00	
Bullnose	3.00			4690.00	38.00 Bottom Packers & Anchor
Total Tool Length:	57.00				



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FLUID SUMMARY

McCoy Petroleum Corp

Wetzel "R" Unit 2-27

PO Box 780208
Wichita KS 67278

27-25-20

Job Ticket: 16117

DST#: 1

ATTN: Tim Lauer

Test Start: 2003.10.01 @ 02:19:41

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: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	10% G 90% M	0.152
124.00	5% G 95% M	0.610
132.00	5% G 95% M	1.032

Total Length: 287.00 ft Total Volume: 1.794 bbl

Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

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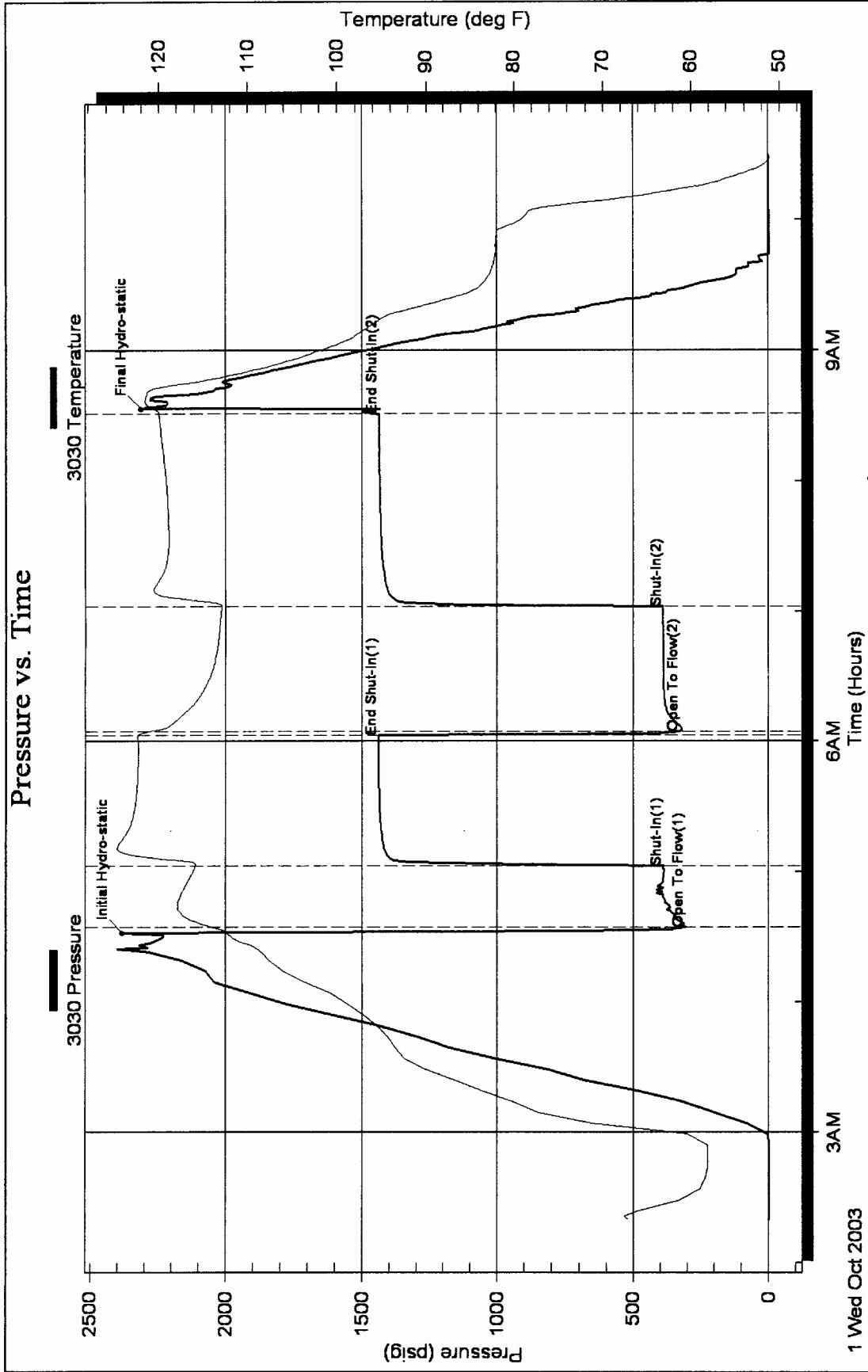
Inside

McCoy Petroleum Corp

27-25-20

DST Test Number: 1

Pressure vs. Time



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