



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

P O Box 780208
Wichita KS 67278-0208

ATTN: Roger McCoy

27-25s-20w EdwardsKS

Wetzel "R"#1-27

Start Date: 2001.09.26 @ 03:51:08

End Date: 2001.09.26 @ 12:04:07

Job Ticket #: 15292 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" #1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

ATTN: Roger McCoy

Job Ticket: 15292 **DST#: 1**

Test Start: 2001.09.26 @ 03:51:08

GENERAL INFORMATION:

Formation: **LKC "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:40:07

Time Test Ended: 12:04:07

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: **4216.00 ft (KB) To 4238.00 ft (KB) (TVD)**

Reference Elevations: 2234.00 ft (KB)

Total Depth: 4238.00 ft (KB) (TVD)

2225.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

Serial #: 3024 Inside

Press@RunDepth: 405.98 psig @ 4217.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.09.26 End Date: 2001.09.26

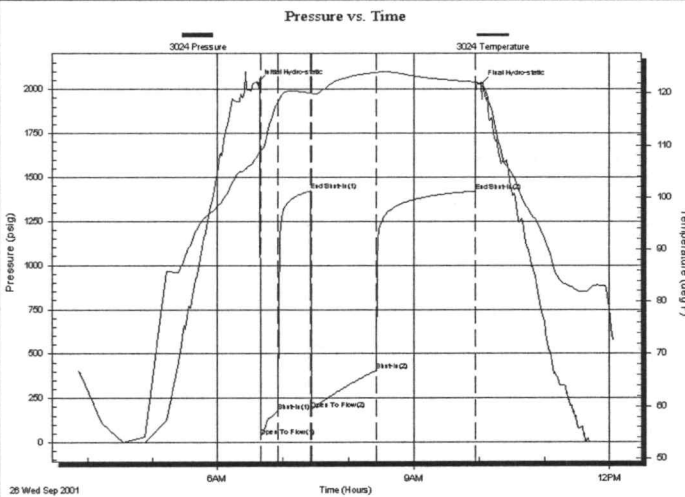
Last Calib.: 2001.09.26

Start Time: 03:51:08 End Time: 12:04:07

Time On Btm: 2001.09.26 @ 06:37:07

Time Off Btm: 2001.09.26 @ 10:02:07

TEST COMMENT: IFP-wk to strg in 10min
FFP-strg bl throughout times 15-30-60-90
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2035.95	108.16	Initial Hydro-static
3	34.11	109.05	Open To Flow (1)
19	177.12	118.45	Shut-In(1)
48	1420.98	120.04	End Shut-In(1)
49	184.49	120.00	Open To Flow (2)
108	405.98	123.97	Shut-In(2)
200	1420.24	122.16	End Shut-In(2)
205	2028.72	121.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	water	1.18
305.00	water RW .1@70F	4.28
60.00	GIP	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp
 P O Box 780208
 Wichita KS 67278-0208
 ATTN: Roger McCoy

Wetzel "R" #1-27
27-25s-20w EdwardsKS
 Job Ticket: 15292 **DST#: 1**
 Test Start: 2001.09.26 @ 03:51:08

Tool Information

Drill Pipe:	Length: 3976.00 ft	Diameter: 3.80 inches	Volume: 55.77 bbl	Tool Weight: 2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4216.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.02 ft			
Tool Length:	45.02 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			4194.00	
S.I. Tool	5.00			4199.00	
HMV	5.00			4204.00	
Safety Joint	2.00			4206.00	
Packer	5.00			4211.00	23.00 Bottom Of Top Packer
Packer	5.00			4216.00	
Stubb	1.00			4217.00	
Recorder	0.01	3024	Inside	4217.01	
Perforations	18.00			4235.01	
Recorder	0.01	11085	Outside	4235.02	
Bullnose	3.00			4238.02	22.02 Bottom Packers & Anchor

Total Tool Length: 45.02



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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Wetzel "R"#1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15292 **DST#: 1**

ATTN: Roger McCoy

Test Start: 2001.09.26 @ 03:51:08

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:	80000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	water	1.180
305.00	water RW .1@70F	4.278
60.00	GIP	0.842

Total Length: 605.00 ft Total Volume: 6.300 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

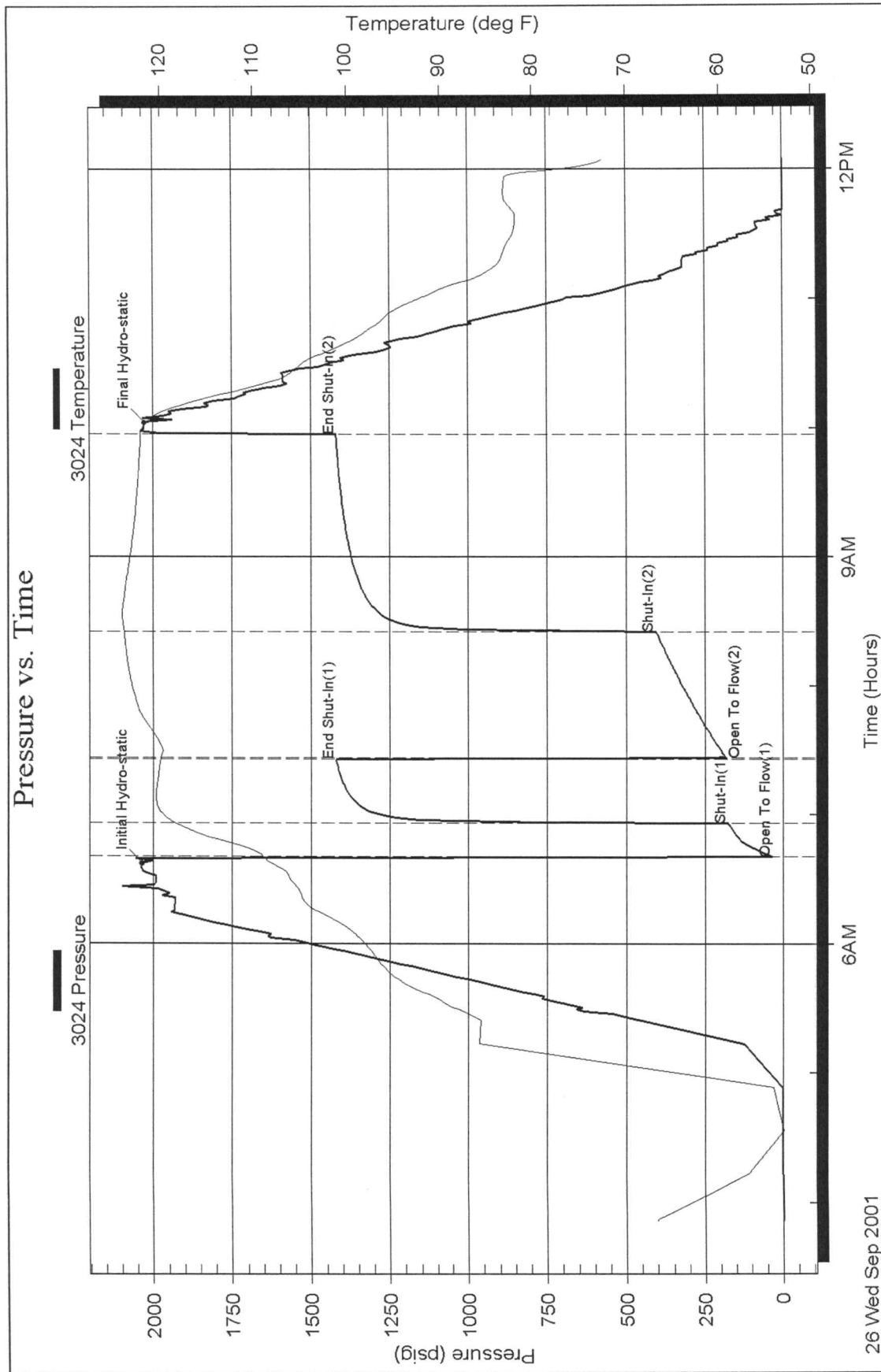
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

P O Box 780208
Wichita KS 67278-0208

ATTN: Roger McCoy

27-25s-20w EdwardsKS

Wetzel "R"#1-27

Start Date: 2001.09.27 @ 20:39:01

End Date: 2001.09.28 @ 05:54:30

Job Ticket #: 15293 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

Wetzel "R" #1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15293 **DST#: 2**

ATTN: Roger McCoy

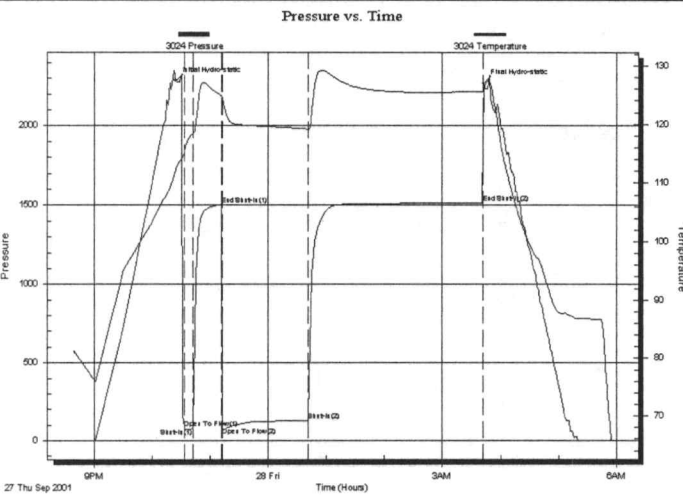
Test Start: 2001.09.27 @ 20:39:01

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:33:30
 Time Test Ended: 05:54:30
 Interval: **4646.00 ft (KB) To 4687.00 ft (KB) (TVD)**
 Total Depth: 4238.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 16
 Reference Elevations: 2234.00 ft (KB)
 2225.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 3024 Inside
 Press@RunDepth: 127.80 psig @ 4647.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2001.09.27 End Date: 2001.09.28 Last Calib.: 2001.09.28
 Start Time: 20:39:01 End Time: 05:54:30 Time On Btm: 2001.09.27 @ 22:24:30
 Time Off Btm: 2001.09.28 @ 03:42:30

TEST COMMENT: IFP-strg bl GTS in 4min
 FFP-GTS
 times 10-30-90-180



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2283.69	112.13	Initial Hydro-static
9	83.46	115.16	Open To Flow (1)
18	81.43	118.43	Shut-In(1)
47	1504.15	124.85	End Shut-In(1)
48	83.22	124.60	Open To Flow (2)
137	127.80	119.16	Shut-In(2)
317	1512.72	125.62	End Shut-In(2)
318	2268.49	125.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GCM 7%gas 93%mud	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	16.00	11.38
Last Gas Rate	0.13	76.00	33.84
Max. Gas Rate	0.13	76.00	33.84



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp
P O Box 780208
Wichita KS 67278-0208
ATTN: Roger McCoy

Wetzel "R"#1-27
27-25s-20w EdwardsKS
Job Ticket: 15293 **DST#: 2**
Test Start: 2001.09.27 @ 20:39:01

Tool Information

Drill Pipe:	Length: 4409.00 ft	Diameter: 3.80 inches	Volume: 61.85 bbl	Tool Weight:	2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 63.03 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4646.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	41.02 ft				
Tool Length:	64.02 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			4624.00	
S.I. Tool	5.00			4629.00	
HMV	5.00			4634.00	
Safety Joint	2.00			4636.00	
Packer	5.00			4641.00	23.00 Bottom Of Top Packer
Packer	5.00			4646.00	
Stubb	1.00			4647.00	
Recorder	0.01	3024	Inside	4647.01	
Perforations	37.00			4684.01	
Recorder	0.01	11085	Outside	4684.02	
Bullnose	3.00			4687.02	41.02 Bottom Packers & Anchor

Total Tool Length: 64.02



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FLUID SUMMARY

McCoy Petroleum Corp

Wetzel "R" #1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15293

DST#: 2

ATTN: Roger McCoy

Test Start: 2001.09.27 @ 20:39:01

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.56 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5100.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GCM 7%gas 93%mud	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
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DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corp

Wetzel "R"#1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15293

DST#: 2

ATTN: Roger McCoy

Test Start: 2001.09.27 @ 20:39:01

Gas Rates Information

Temperature: 59 deg C

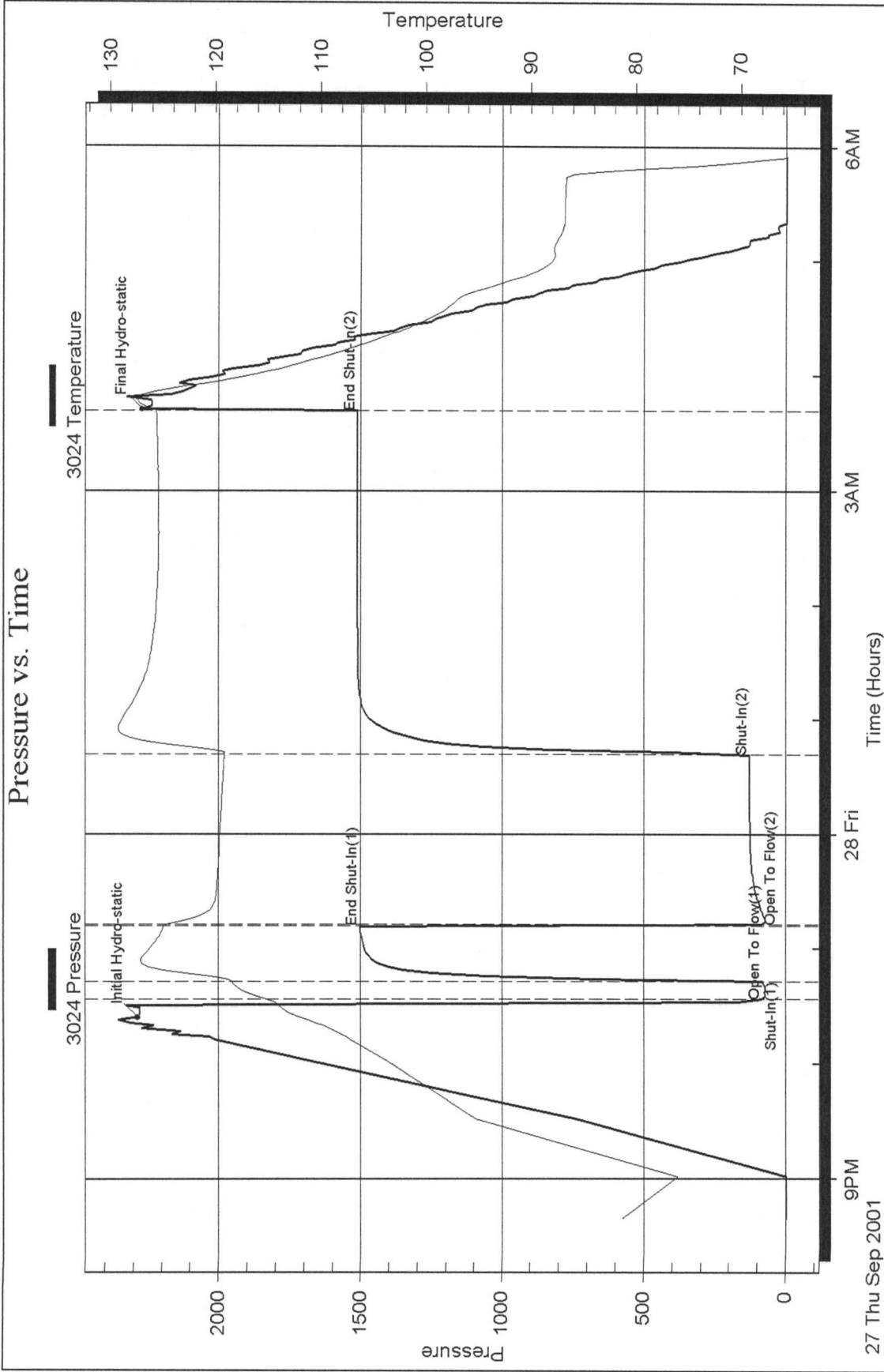
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	5	0.13	16.00	11.38
1	10	0.13	30.00	16.62
2	10	0.13	50.00	24.10
2	20	0.13	63.00	28.97
2	30	0.13	69.00	31.21
2	40	0.13	73.00	32.71
2	50	0.13	74.00	33.09
2	60	0.13	74.00	33.09
2	70	0.13	75.00	33.46
2	80	0.13	75.00	33.46
2	90	0.13	76.00	33.84

Pressure vs. Time





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Prepared For: **McCoy Petroleum Corp**

P O Box 780208
Wichita KS 67278-0208

ATTN: Roger McCoy

27-25s-20w EdwardsKS

Wetzel "R"#1-27

Start Date: 2001.09.28 @ 13:18:15

End Date: 2001.09.28 @ 21:10:14

Job Ticket #: 15294 DST #: 3

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

P O Box 780208
Wichita KS 67278-0208

ATTN: Roger McCoy

Wetzel "R" #1-27

27-25s-20w EdwardsKS

Job Ticket: 15294

DST#: 3

Test Start: 2001.09.28 @ 13:18:15

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:17:14

Time Test Ended: 21:10:14

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 16

Interval: **4679.00 ft (KB) To 4694.00 ft (KB) (TVD)**

Total Depth: 4238.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor

Reference Elevations: 2234.00 ft (KB)

2225.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 3024

Inside

Press@RunDepth: 177.91 psig @ 4680.01 ft (KB)

Start Date: 2001.09.28 End Date: 2001.09.28

Start Time: 13:18:15 End Time: 21:10:14

Capacity: 7000.00 psig

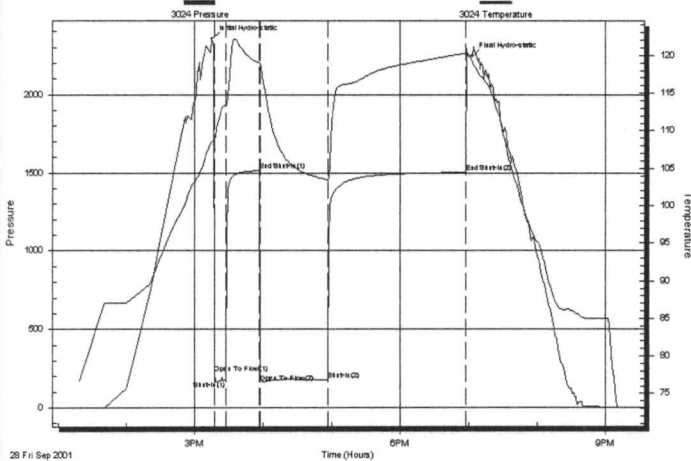
Last Calib.: 2001.09.28

Time On Btm: 2001.09.28 @ 15:15:14

Time Off Btm: 2001.09.28 @ 19:03:14

TEST COMMENT: IFP-strg bl GTS in 3min
FFP-GTS
times 10-30-60-120

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2353.52	108.49	Initial Hydro-static
2	222.45	108.72	Open To Flow (1)
12	172.86	113.45	Shut-In(1)
42	1515.53	119.05	End Shut-In(1)
43	216.28	118.85	Open To Flow (2)
101	177.91	103.46	Shut-In(2)
223	1502.85	120.32	End Shut-In(2)
228	2244.82	119.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GCM 5%gas 95%mud	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	25.00	615.42
Last Gas Rate	0.75	49.50	998.11
Max. Gas Rate	0.75	49.50	998.11



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp
P O Box 780208
Wichita KS 67278-0208
ATTN: Roger McCoy

Wetzel "R"#1-27
27-25s-20w EdwardsKS
Job Ticket: 15294 **DST#: 3**
Test Start: 2001.09.28 @ 13:18:15

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.93 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GCM 5%gas 95%mud	0.320

Total Length: 65.00 ft Total Volume: 0.320 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 Corp

Wetzel "R" #1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15294

DST#: 3

ATTN: Roger McCoy

Test Start: 2001.09.28 @ 13:18:15

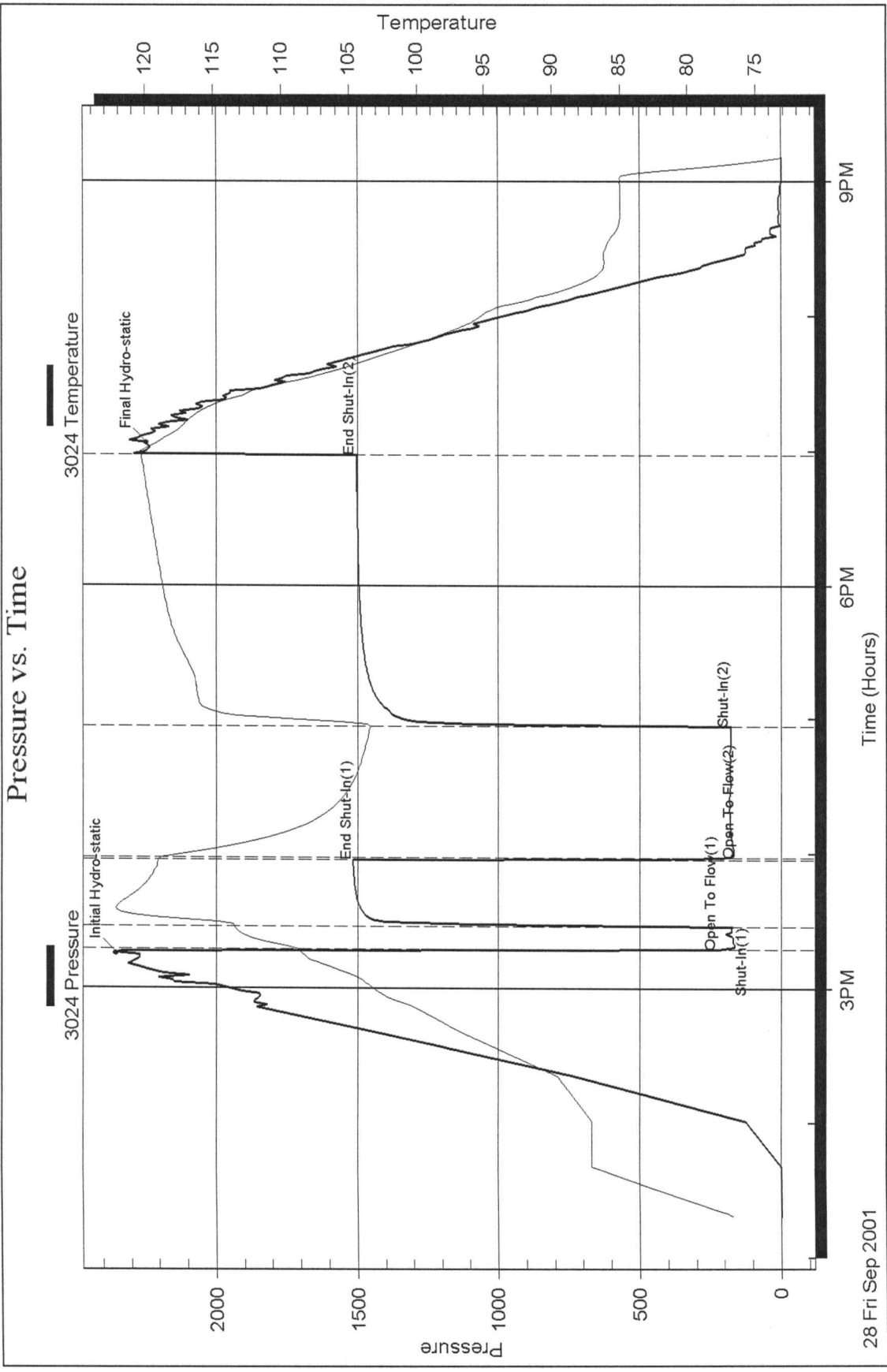
Gas Rates Information

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	5	0.75	25.00	615.42
1	5	0.75	25.00	615.42
1	10	0.75	37.00	802.86
2	10	0.75	43.00	896.58
2	20	0.75	48.00	974.68
2	30	0.75	49.00	990.30
2	50	0.75	49.50	998.11
2	60	0.75	49.50	998.11

Pressure vs. Time



28 Fri Sep 2001



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

P O Box 780208
Wichita KS 67278-0208

ATTN: Roger McCoy

27-25s-20w EdwardsKS

Wetzel "R"#1-27

Start Date: 2001.09.29 @ 03:49:00

End Date: 2001.09.29 @ 11:47:59

Job Ticket #: 15295 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petroleum Corp

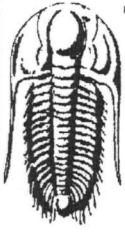
Wetzel "R"#1-27

27-25s-20w EdwardsKS

DST # 4

Mississippi

2001.09.29



**TRILOBITE
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DRILL STEM TEST REPORT

McCoy Petroleum Corp
 P O Box 780208
 Wichita KS 67278-0208
 ATTN: Roger McCoy

Wetzel "R" #1-27
27-25s-20w EdwardsKS
 Job Ticket: 15295 **DST#: 4**
 Test Start: 2001.09.29 @ 03:49:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:07:59
 Time Test Ended: 11:47:59
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 16
 Interval: **4694.00 ft (KB) To 4704.00 ft (KB) (TVD)**
 Total Depth: 4238.00 ft (KB) (TVD)
 Reference Elevations: 2234.00 ft (KB)
 2225.00 ft (CF)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 KB to GR/CF: 9.00 ft

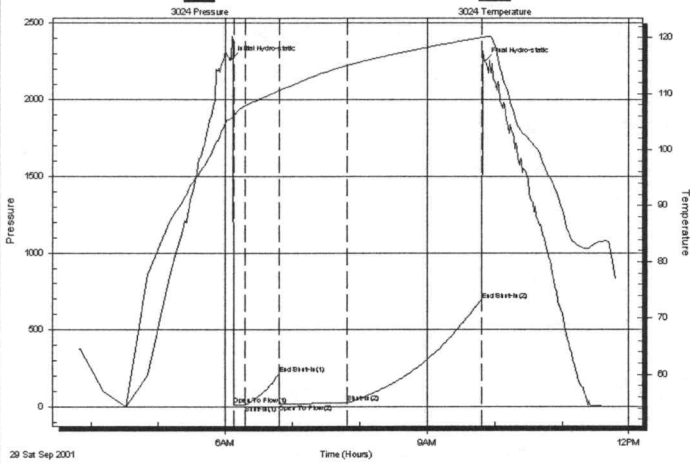
Serial #: 3024

Inside

Press@RunDepth: 25.74 psig @ 4695.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2001.09.29 End Date: 2001.09.29 Last Calib.: 2001.09.29
 Start Time: 03:49:00 End Time: 11:47:59 Time On Btm: 2001.09.29 @ 06:04:59
 Time Off Btm: 2001.09.29 @ 09:50:59

TEST COMMENT: IFP-w k bl throughout 1/4"
 FFP-w k bl throughout 1/2" to 2 1/4" bl
 times 10-30-60-120

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2263.68	105.63	Initial Hydro-static
3	12.30	106.11	Open To Flow (1)
13	14.90	107.89	Shut-In(1)
43	213.11	110.56	End Shut-In(1)
44	16.99	110.59	Open To Flow (2)
104	25.74	115.07	Shut-In(2)
223	691.72	120.03	End Shut-In(2)
226	2253.21	120.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SO&GCM 3%gas 4%oil 97%mud	0.02
235.00	GIP	1.16

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Wetzel "R"#1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15295

DST#: 4

ATTN: Roger McCoy

Test Start: 2001.09.29 @ 03:49:00

Tool Information

Drill Pipe:	Length: 4440.00 ft	Diameter: 3.80 inches	Volume: 62.28 bbl	Tool Weight: 2200.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4694.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.01 ft			
Tool Length:	33.01 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4672.00	
S.I. Tool	5.00			4677.00	
HMV	5.00			4682.00	
Safety Joint	2.00			4684.00	
Packer	5.00			4689.00	23.00 Bottom Of Top Packer
Packer	5.00			4694.00	
Stubb	1.00			4695.00	
Recorder	0.01	3024	Inside	4695.01	
Perforations	6.00			4701.01	
Bullnose	3.00			4704.01	10.01 Bottom Packers & Anchor
Total Tool Length:	33.01				



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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Wetzel "R"#1-27

P O Box 780208
Wichita KS 67278-0208

27-25s-20w EdwardsKS

Job Ticket: 15295 **DST#: 4**

ATTN: Roger McCoy

Test Start: 2001.09.29 @ 03:49:00

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: 8.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SO&GCM 3%gas 4%oil 97%mud	0.025
235.00	GIP	1.156

Total Length: 240.00 ft Total Volume: 1.181 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 3024

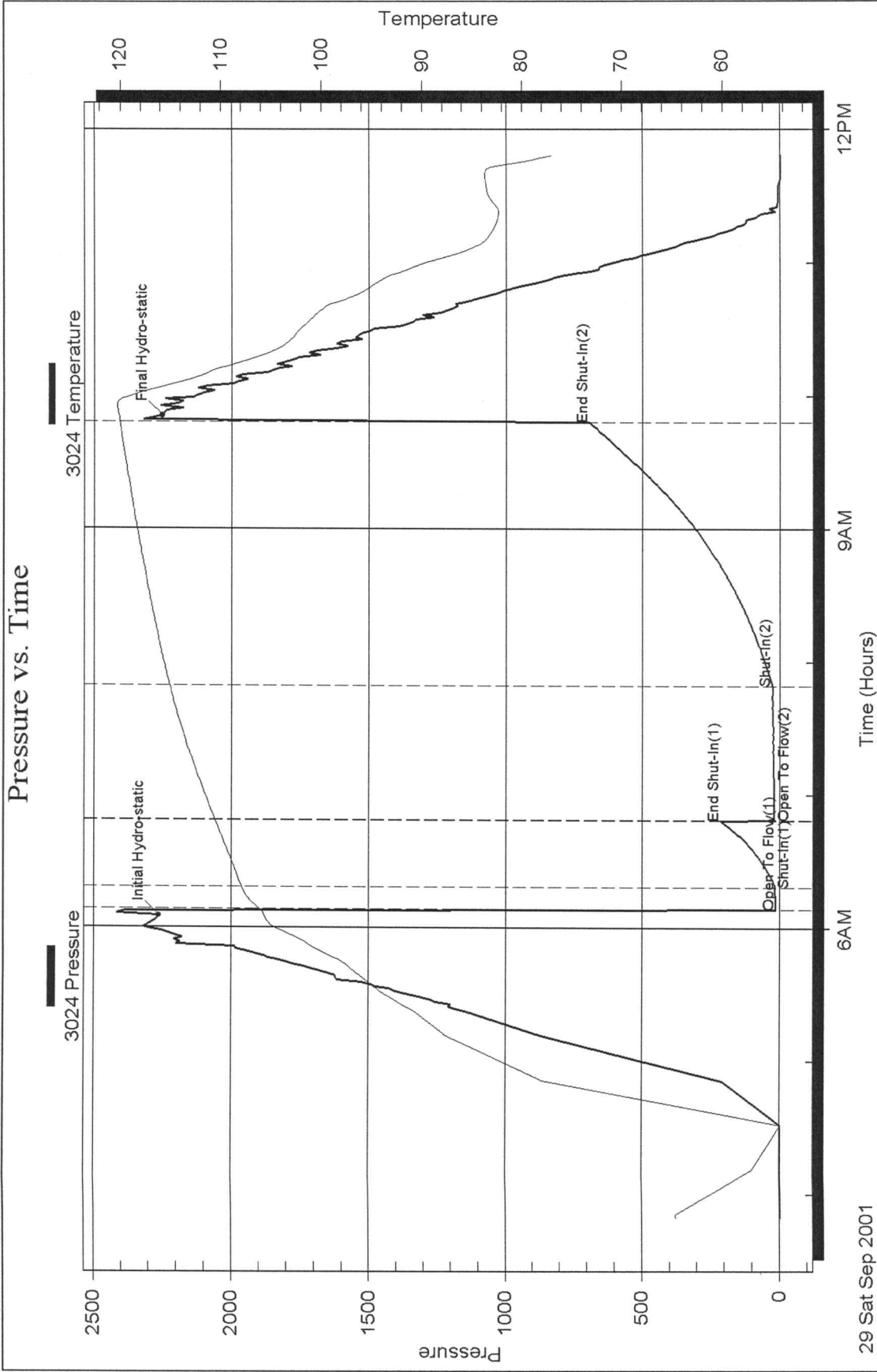
Inside

McCoy Petroleum Corp

27-25s-20w EdwardsKS

DST Test Number: 4

Pressure vs. Time



29 Sat Sep 2001

6AM

9AM

12PM

Time (Hours)



**TRILOBITE
TESTING, INC.**

STATIC GRADIENT REPORT

McCoy Petroleum Corp

Wetzel R 1-27

ATTN:

Licence No:

Test Start: 2001.11.28 @ 09:35:07

GENERAL INFORMATION:

Formation: Mississippian Field:
Well Status: Gas Suspended Observation
Deviated: No Whipstock: ft (CF)
Shut In Date:

Company Rep:
Unit No.:
Reference Elevations: 2234 ft (KB)
2225 ft (CF)
KB to CF: 9.0 ft

Perforations: ft (CF) To ft (CF) (TVD)
Tubing Press: Initial psig Final psig 2 inches @ ft (CF)
Casing Press: Initial psig Final psig 4.5 inches @ 4772 ft (CF)
Open Hole: 7.88 inches
Packer Depth: 4656 ft (CF)

MPP: 4686 ft (CF)
Press@MPP: 1473.99 psig
B.H. Temp: 132.26 deg F
Assumed Gradient: .61 psig/ft

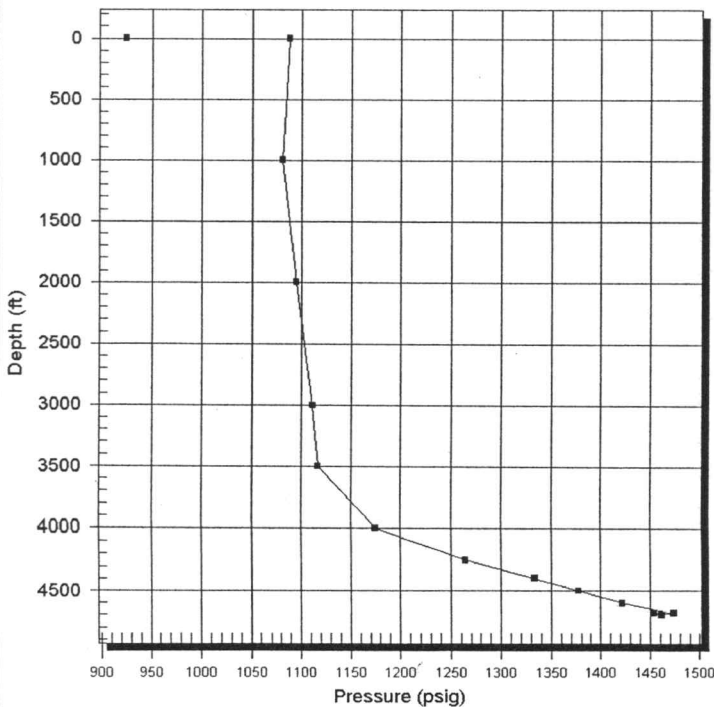
RECORDER INFORMATION:

Serial #: 3026 Inside
Press@RunDepth: 1453.46 psig @ 4686 ft (CF)
Start Date: 2001.11.28 @ 09:35:07
End Date: 2001.11.28 @ 12:39:37

Capacity: 7000 psig
Last Calib.:
Time On Btm:
Time Off Btm: 2001.11.28 @ 12:15:52

TEST COMMENT:

Static Gradient Graph
3026



GRADIENT SUMMARY

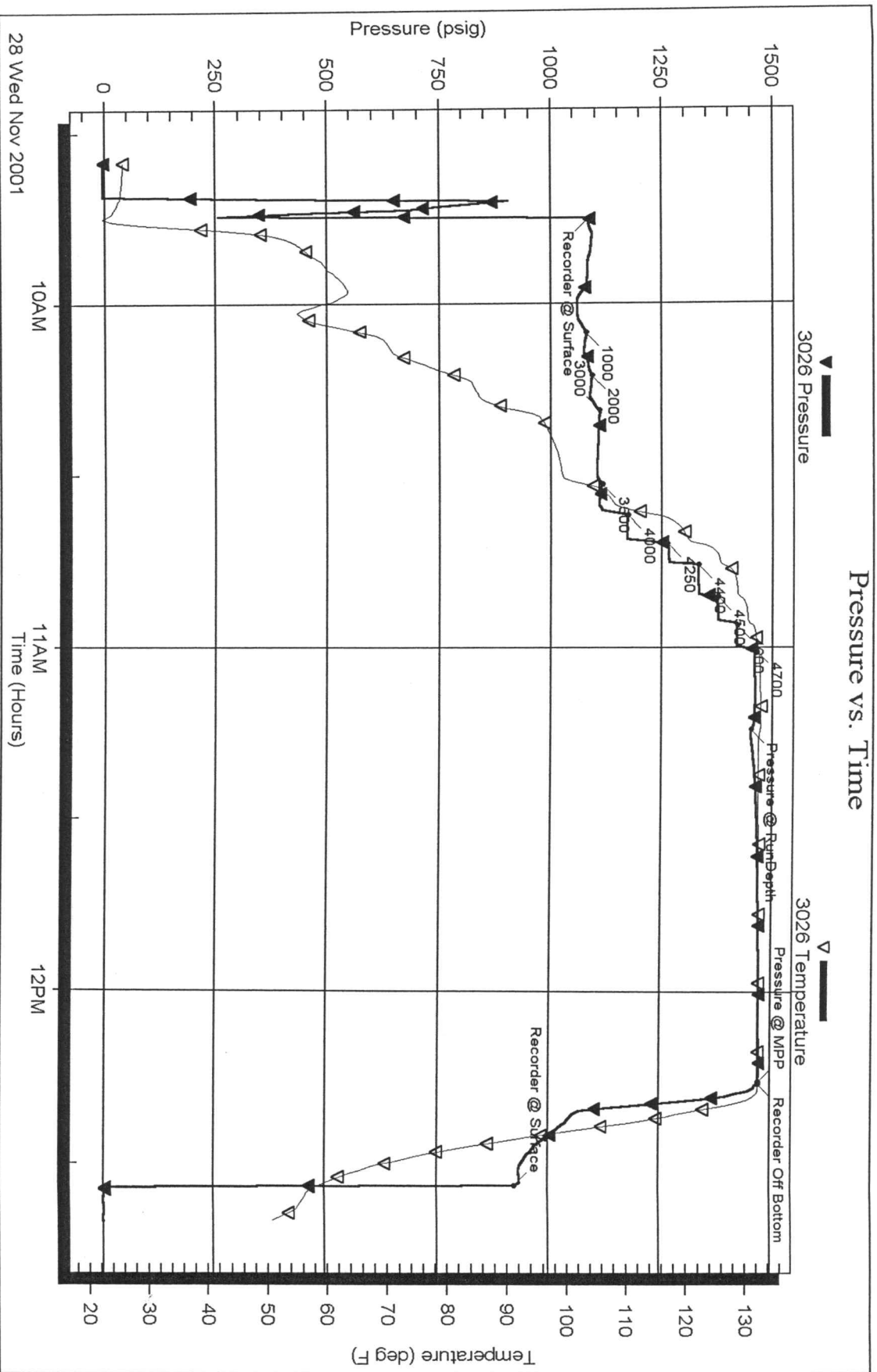
Relative Time (Hours)	Depth (ft)	Pressure (psig)	Gradient (psig/ft)
2.97500	0.00	924.34	0.00
0.16667	0.00	1087.60	0.00
0.50000	1000.00	1080.81	0.01
0.62500	2000.00	1094.73	0.01
0.72500	3000.00	1111.40	0.02
0.94167	3500.00	1117.06	0.01
1.02917	4000.00	1175.26	0.12
1.11250	4250.00	1264.48	0.36
1.17500	4400.00	1333.30	0.46
1.26667	4500.00	1377.54	0.44
1.35000	4600.00	1421.74	0.44
2.67500	4686.00	1473.99	0.61
1.65417	4686.00	1453.46	0.00
1.42083	4700.00	1461.91	0.60

Serial #: 3026

Inside

McCoy Petroleum Corp

Pressure vs. Time



28 Wed Nov 2001

10AM

11AM

12PM



**TRILOBITE
TESTING, INC.**

STATIC GRADIENT DATA LISTING

McCoy Petroleum Corp

Wetzel R 1-27

Licence No:

ATTN:

Test Start: 2001.11.28 @ 09:35:07

Serial # 3026 Inside

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2001.11.28 @ 09:35:10	0.00083		-2.52	25.36	
2001.11.28 @ 09:36:22	0.02083		-2.63	25.38	
2001.11.28 @ 09:39:37	0.07500		-2.73	25.09	
2001.11.28 @ 09:44:37	0.15833		257.27	22.68	
2001.11.28 @ 09:44:52	0.16250		201.70	22.34	
2001.11.28 @ 09:45:07	0.16667	0.00	1087.60	22.03	Recorder @ Surface
2001.11.28 @ 09:45:22	0.17083		1087.04	22.88	
2001.11.28 @ 09:45:37	0.17500		1086.72	23.78	
2001.11.28 @ 09:45:52	0.17917		1088.30	25.16	
2001.11.28 @ 09:51:52	0.27917		1087.96	57.50	
2001.11.28 @ 09:57:52	0.37917		1073.16	63.21	
2001.11.28 @ 10:03:52	0.47917		1071.80	60.32	
2001.11.28 @ 10:04:37	0.49167		1078.95	63.73	
2001.11.28 @ 10:04:52	0.49583		1080.89	65.00	
2001.11.28 @ 10:05:07	0.50000	1000.00	1080.81	66.11	1000
2001.11.28 @ 10:05:22	0.50417		1082.54	66.93	
2001.11.28 @ 10:05:37	0.50833		1082.46	67.81	
2001.11.28 @ 10:05:52	0.51250		1081.66	68.46	
2001.11.28 @ 10:11:52	0.61250		1090.51	79.02	
2001.11.28 @ 10:12:07	0.61667		1091.89	79.83	
2001.11.28 @ 10:12:22	0.62083		1093.49	80.69	
2001.11.28 @ 10:12:37	0.62500	2000.00	1094.73	81.55	2000
2001.11.28 @ 10:12:52	0.62917		1095.49	82.36	
2001.11.28 @ 10:13:07	0.63333		1094.73	83.04	
2001.11.28 @ 10:13:22	0.63750		1094.05	83.44	
2001.11.28 @ 10:18:07	0.71667		1106.43	89.20	
2001.11.28 @ 10:18:22	0.72083		1108.83	90.15	
2001.11.28 @ 10:18:37	0.72500	3000.00	1111.40	91.21	3000
2001.11.28 @ 10:18:52	0.72917		1113.04	92.43	
2001.11.28 @ 10:19:07	0.73333		1113.80	93.56	
2001.11.28 @ 10:19:22	0.73750		1113.10	94.47	
2001.11.28 @ 10:25:22	0.83750		1107.85	97.78	
2001.11.28 @ 10:31:07	0.93333		1113.28	100.59	

Printing every 24 samples

Serial # 3026		Inside			
Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2001.11.28 @ 10:31:22	0.93750		1114.90	101.69	
2001.11.28 @ 10:31:37	0.94167	3500.00	1117.06	102.91	3500
2001.11.28 @ 10:31:52	0.94583		1116.42	104.16	
2001.11.28 @ 10:32:07	0.95000		1115.76	104.98	
2001.11.28 @ 10:32:22	0.95417		1115.10	105.44	
2001.11.28 @ 10:36:22	1.02083		1145.76	111.59	
2001.11.28 @ 10:36:37	1.02500		1160.42	113.20	
2001.11.28 @ 10:36:52	1.02917	4000.00	1175.26	114.70	4000
2001.11.28 @ 10:37:07	1.03333		1174.92	115.91	
2001.11.28 @ 10:37:22	1.03750		1174.68	116.64	
2001.11.28 @ 10:37:37	1.04167		1174.48	117.14	
2001.11.28 @ 10:41:22	1.10417		1196.31	120.03	
2001.11.28 @ 10:41:37	1.10833		1238.13	120.45	
2001.11.28 @ 10:41:52	1.11250	4250.00	1264.48	121.56	4250
2001.11.28 @ 10:42:07	1.11667		1267.13	122.80	
2001.11.28 @ 10:42:22	1.12083		1267.05	123.59	
2001.11.28 @ 10:42:37	1.12500		1266.99	124.04	
2001.11.28 @ 10:45:07	1.16667		1268.05	125.44	
2001.11.28 @ 10:45:22	1.17083		1292.28	125.50	
2001.11.28 @ 10:45:37	1.17500	4400.00	1333.30	125.84	4400
2001.11.28 @ 10:45:52	1.17917		1333.24	126.53	
2001.11.28 @ 10:46:07	1.18333		1333.10	127.03	
2001.11.28 @ 10:46:22	1.18750		1333.02	127.32	
2001.11.28 @ 10:50:37	1.25833		1334.86	128.38	
2001.11.28 @ 10:50:52	1.26250		1372.91	128.42	
2001.11.28 @ 10:51:07	1.26667	4500.00	1377.54	128.78	4500
2001.11.28 @ 10:51:22	1.27083		1377.34	129.16	
2001.11.28 @ 10:51:37	1.27500		1377.18	129.39	
2001.11.28 @ 10:51:52	1.27917		1377.12	129.55	
2001.11.28 @ 10:55:37	1.34167		1421.84	130.42	
2001.11.28 @ 10:55:52	1.34583		1421.68	130.78	
2001.11.28 @ 10:56:07	1.35000	4600.00	1421.74	130.99	4600
2001.11.28 @ 10:56:22	1.35417		1421.76	131.12	
2001.11.28 @ 10:56:37	1.35833		1421.78	131.22	
2001.11.28 @ 10:56:52	1.36250		1421.84	131.31	
2001.11.28 @ 10:59:52	1.41250		1421.36	131.60	
2001.11.28 @ 11:00:07	1.41667		1447.23	131.60	
2001.11.28 @ 11:00:22	1.42083	4700.00	1461.91	131.71	4700
2001.11.28 @ 11:00:37	1.42500		1461.85	131.85	
2001.11.28 @ 11:00:52	1.42917		1461.57	131.93	
2001.11.28 @ 11:01:07	1.43333		1461.37	132.00	
Printing every 24 samples					

Serial # 3026		Inside				
Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments	
2001.11.28 @ 11:07:07	1.53333		1463.05	132.26		
2001.11.28 @ 11:13:07	1.63333		1460.10	132.31		
2001.11.28 @ 11:13:52	1.64583		1459.81	132.31		
2001.11.28 @ 11:14:07	1.65000		1457.33	132.31		
2001.11.28 @ 11:14:22	1.65417	4686.00	1453.46	132.26	Pressure @ RunDepth	
2001.11.28 @ 11:14:37	1.65833		1453.26	132.18		
2001.11.28 @ 11:14:52	1.66250		1453.12	132.13		
2001.11.28 @ 11:15:07	1.66667		1453.04	132.09		
2001.11.28 @ 11:21:07	1.76667		1460.79	132.01		
2001.11.28 @ 11:27:07	1.86667		1465.52	132.03		
2001.11.28 @ 11:33:07	1.96667		1468.64	132.05		
2001.11.28 @ 11:39:07	2.06667		1470.76	132.06		
2001.11.28 @ 11:45:07	2.16667		1472.25	132.07		
2001.11.28 @ 11:51:07	2.26667		1473.39	132.08		
2001.11.28 @ 11:57:07	2.36667		1474.15	132.08		
2001.11.28 @ 12:03:07	2.46667		1474.73	132.10		
2001.11.28 @ 12:09:07	2.56667		1475.23	132.11		
2001.11.28 @ 12:15:07	2.66667		1474.51	132.12		
2001.11.28 @ 12:15:22	2.67083		1474.21	132.12		
2001.11.28 @ 12:15:37	2.67500	4686.00	1473.99	132.13	Pressure @ MPP	
2001.11.28 @ 12:15:52	2.67917		1474.01	132.13	Recorder Off Bottom	
2001.11.28 @ 12:16:07	2.68333		1468.40	132.13		
2001.11.28 @ 12:16:22	2.68750		1469.16	132.16		
2001.11.28 @ 12:22:22	2.78750		1041.80	112.09		
2001.11.28 @ 12:28:22	2.88750		952.78	75.67		
2001.11.28 @ 12:33:07	2.96667		937.38	60.14		
2001.11.28 @ 12:33:22	2.97083		937.56	59.62		
2001.11.28 @ 12:33:37	2.97500	0.00	924.34	59.04	Recorder @ Surface	
2001.11.28 @ 12:33:52	2.97917		186.72	58.43		
2001.11.28 @ 12:34:07	2.98333		4.63	57.92		
2001.11.28 @ 12:34:22	2.98750		3.81	57.27		
2001.11.28 @ 12:39:37	3.07500		0.93	50.78		

Printing every 24 samples

