

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

29 25 18 Edwards KS

Bernatzke A # 1-29

Start Date: 2006.12.06 @ 18:24:02

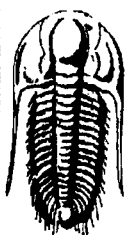
End Date: 2006.12.07 @ 04:45:17

Job Ticket #: 25930 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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

Bernatzke A # 1-29

29 25 18 Edwards KS

Job Ticket: 25930

DST#: 1

Test Start: 2006.12.06 @ 18:24:02

GENERAL INFORMATION:

Formation: **Lecompton**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:07:02

Time Test Ended: 04:45:17

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: **3824.00 ft (KB) To 3858.00 ft (KB) (TVD)**

Total Depth: **3858.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2188.00 ft (KB)**

2177.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6741 **Inside**

Press@RunDepth: **110.40 psig @ 3825.00 ft (KB)**

Start Date: **2006.12.06**

End Date:

2006.12.07

Start Time: **18:24:04**

End Time:

04:45:17

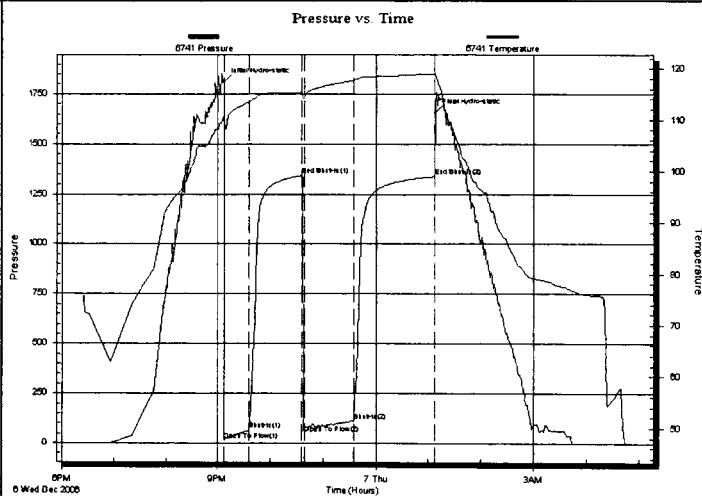
Capacity: **7000.00 psig**

Last Calib.: **2006.12.07**

Time On Btm: **2006.12.06 @ 21:06:47**

Time Off Btm: **2006.12.07 @ 01:07:47**

TEST COMMENT: IF Strong B-B in 10 min
FF Strong B-B in 3 min
FSI Weakblow back died in 10 min



PRESSURE SUMMARY

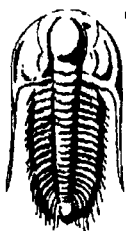
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.34	110.54	Initial Hydro-static
1	15.38	109.92	Open To Flow (1)
29	66.81	113.48	Shut-In(1)
90	1342.57	115.25	End Shut-In(1)
93	46.13	114.44	Open To Flow (2)
149	110.40	117.74	Shut-In(2)
241	1338.38	119.04	End Shut-In(2)
242	1656.58	119.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	MCO 70%O 30%M	0.37
120.00	HOCM 30%O 70%M	0.59
120.00	OCM 10%O 90%M	0.64
0.00	810 GIP	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 Corp

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

Bernatzke A # 1-29

29 25 18 Edwards KS

Job Ticket: 25930

DST#: 1

Test Start: 2006.12.06 @ 18:24:02

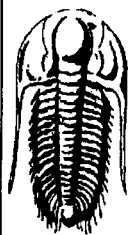
Tool Information

Drill Pipe:	Length: 3492.00 ft	Diameter: 3.80 inches	Volume: 48.98 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: 20000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 50.50 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3824.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	63.00 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			3796.00	
Shut In Tool	5.00			3801.00	
Hydraulic tool	5.00			3806.00	
Jars	5.00			3811.00	
Safety Joint	3.00			3814.00	
Packer	5.00			3819.00	29.00 Bottom Of Top Packer
Packer	5.00			3824.00	
Stubb	1.00			3825.00	
Recorder	0.00	6741	Inside	3825.00	
Perforations	30.00			3855.00	
Recorder	0.00	13254	Outside	3855.00	
Bullnose	3.00			3858.00	34.00 Bottom Packers & Anchor

Total Tool Length: 63.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Bernatzke A # 1-29

8080 E Central Ste 300
Wichita KS 67206

29 25 18 Edwards KS

Job Ticket: 25930

DST#: 1

ATTN: Roger McCoy

Test Start: 2006.12.06 @ 18:24:02

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: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	MCO 70%O 30%M	0.369
120.00	HOCM 30%O 70%M	0.590
120.00	OCM 10%O 90%M	0.636
0.00	810 GIP	0.000

Total Length: 315.00 ft

Total Volume: 1.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6741

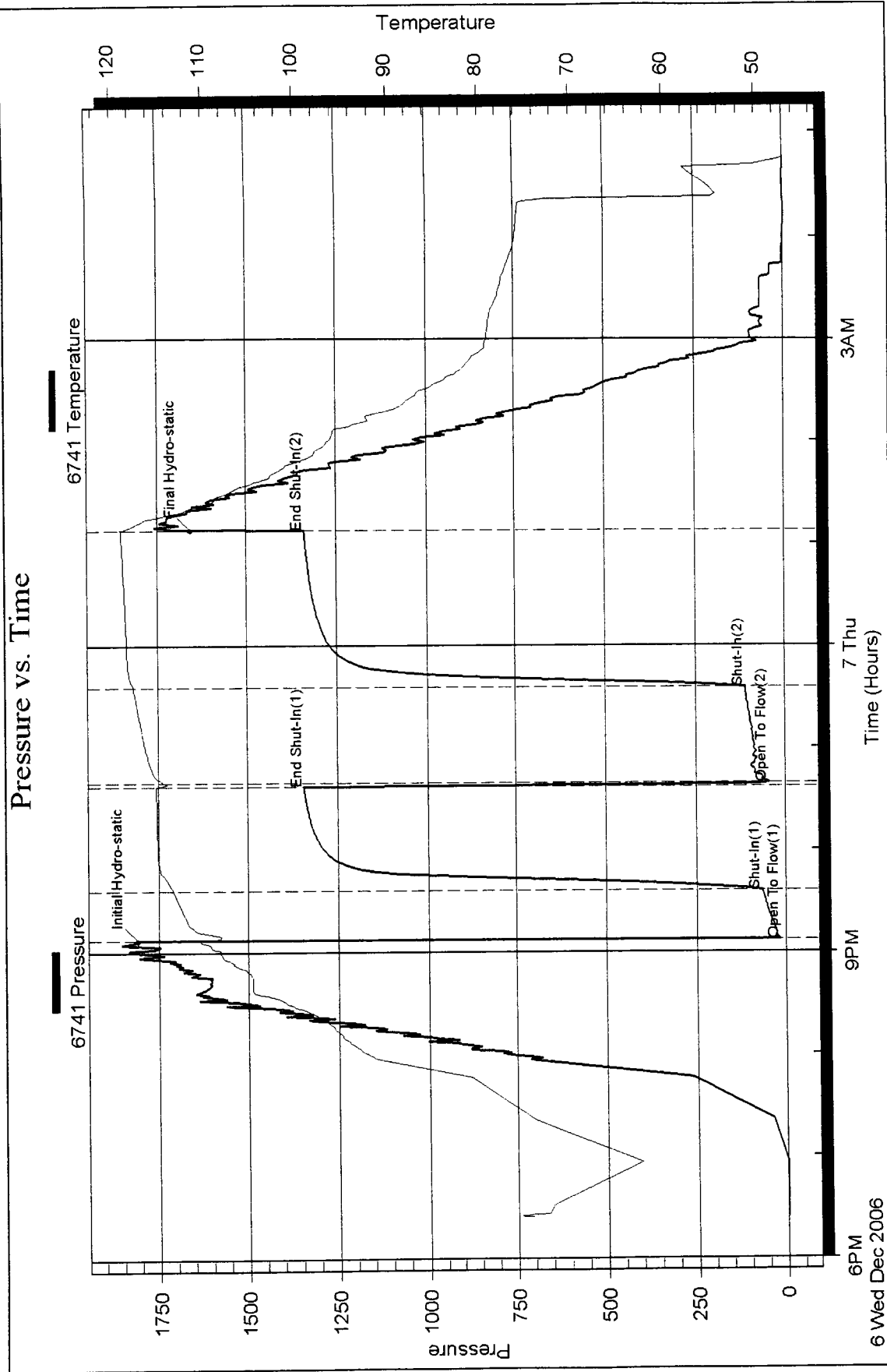
Inside

McCoy Petroleum Corp

29 25 18 Edwards KS

DST Test Number: 1

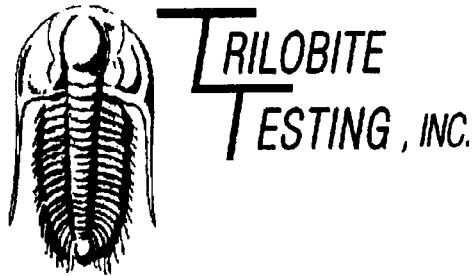
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 25930

Printed: 2006.12.13 @ 12:04:33 Page 5



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

29 25 18 Edwards KS

Bernatzke A # 1-29

Start Date: 2006.12.09 @ 12:55:38

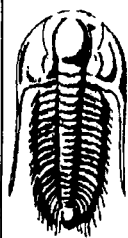
End Date: 2006.12.09 @ 23:25:23

Job Ticket #: 27103 DST #: 2

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DRILL STEM TEST REPORT

McCoy Petroleum Corp

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

Bernatzke A # 1-29

29 25 18 Edwards KS

Job Ticket: 27103

DST#: 2

Test Start: 2006.12.09 @ 12:55:38

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 15:13:08

Time Test Ended: 23:25:23

Test Type: **Conventional Bottom Hole**

Tester: **Leal Cason**

Unit No: **19**

Interval: **4606.00 ft (KB) To 4660.00 ft (KB) (TVD)**

Total Depth: **4660.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2188.00 ft (KB)**

2177.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6752

Inside

Press@RunDepth: **51.69 psig @ 4607.00 ft (KB)**

Start Date: **2006.12.09**

End Date:

2006.12.09

Capacity: **7000.00 psig**

Last Calib.: **2006.12.09**

Start Time: **12:55:43**

End Time:

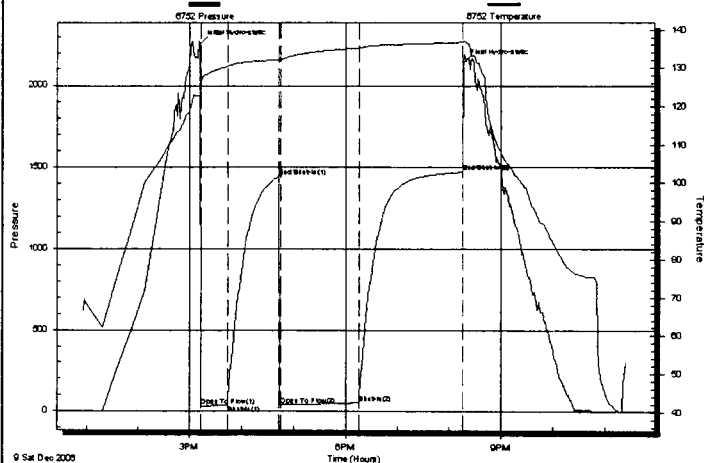
23:25:23

Time On Btm: **2006.12.09 @ 15:12:08**

Time Off Btm: **2006.12.09 @ 20:16:07**

TEST COMMENT: IF Strong Blow BOB in 10 seconds
ISI Bled Off No Blowback
FF Strong Blow BOB Immediate GTS in 26 minutes
FSI Bled Off Blow back Built to 2 inches

Pressure vs. Time



PRESSURE SUMMARY

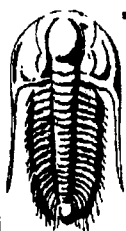
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.04	123.06	Initial Hydro-static
1	30.38	125.00	Open To Flow (1)
32	39.72	130.50	Shut-In (1)
92	1443.41	132.22	End Shut-In (1)
93	36.96	131.91	Open To Flow (2)
184	51.69	135.28	Shut-In (2)
304	1470.36	136.81	End Shut-In (2)
304	2139.90	137.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GCM 10%G 90%M	0.20
0.00	GIP AFFF	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	11.00	9.51
Last Gas Rate	0.13	19.00	12.50
Max. Gas Rate	0.13	19.00	12.50



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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

Bernatzke A # 1-29

29 25 18 Edwards KS

Job Ticket: 27103

DST#: 2

Test Start: 2006.12.09 @ 12:55:38

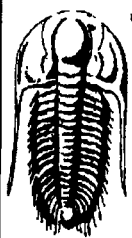
Tool Information

Drill Pipe:	Length: 4274.00 ft	Diameter: 3.80 inches	Volume: 59.95 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: 20000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 61.47 bbl	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4606.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 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			4579.00	
Shut In Tool	5.00			4584.00	
Hydraulic tool	5.00			4589.00	
Jars	5.00			4594.00	
Safety Joint	3.00			4597.00	
Packer	5.00			4602.00	28.00 Bottom Of Top Packer
Packer	4.00			4606.00	
Stubb	1.00			4607.00	
Recorder	0.00	6752	Inside	4607.00	
Perforations	9.00			4616.00	
Drill Pipe	31.00			4647.00	
Perforations	10.00			4657.00	
Recorder	0.00	13255	Outside	4657.00	
Bullnose	3.00			4660.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Bernatzke A # 1-29

8080 E Central Ste 300
Wichita KS 67206

29 25 18 Edwards KS

Job Ticket: 27103

DST#: 2

ATTN: Roger McCoy

Test Start: 2006.12.09 @ 12:55:38

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: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GCM 10%G 90%M	0.197
0.00	GIP AFFF	0.000

Total Length: 40.00 ft

Total Volume: 0.197 bbl

Num Fluid Samples: 0

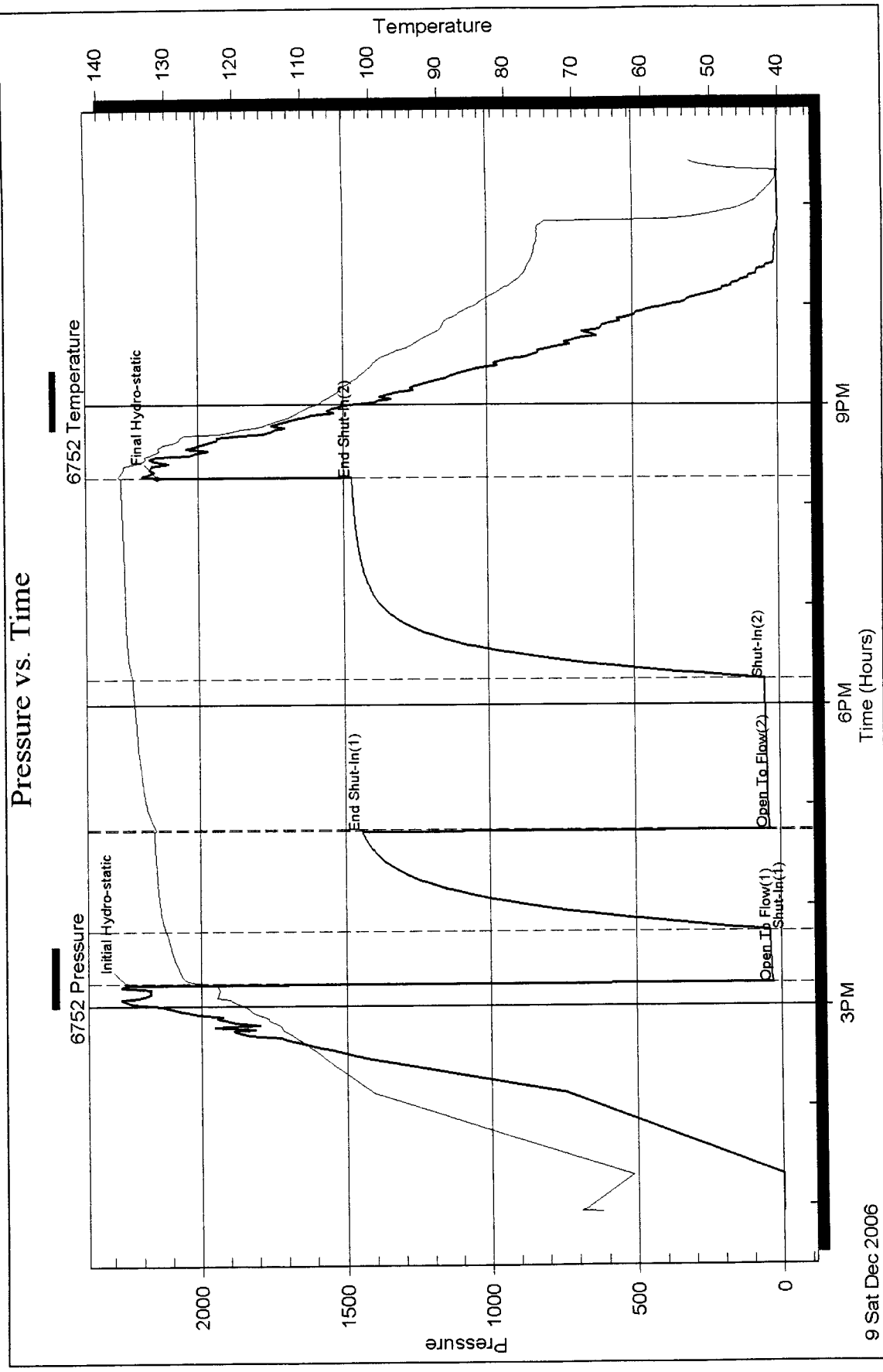
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



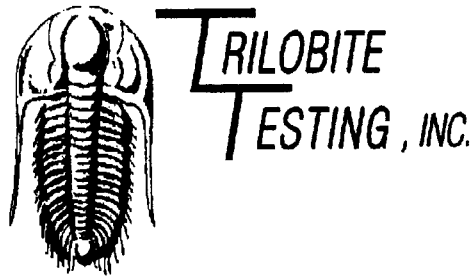
GAS VOLUME REPORT

Operator: McCoy Petroleum
Well Name: Bernatzke A 1-29

DST #: 2

Remarks:

[illegible]



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

29 25 18 Edwards KS

Bernatzke A # 1-29

Start Date: 2006.12.10 @ 09:43:57

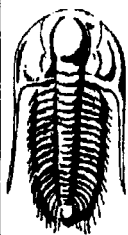
End Date: 2006.12.10 @ 19:43:57

Job Ticket #: 27104 DST #: 3

Trilobite Testing, Inc

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



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DRILL STEM TEST REPORT

McCoy Petroleum Corp

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

Bernatzke A # 1-29

29 25 18 Edwards KS

Job Ticket: 27104

DST#: 3

Test Start: 2006.12.10 @ 09:43:57

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:50:12

Time Test Ended: 19:43:57

Test Type: Conventional Straddle

Tester: Leal Cason

Unit No: 19

Interval: **4275.00 ft (KB) To 4297.00 ft (KB) (TVD)**

Total Depth: 4660.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2188.00 ft (KB)

2177.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6752

Inside

Press@RunDepth: 430.52 psig @ 4276.00 ft (KB)

Start Date: 2006.12.10

End Date:

2006.12.10

Start Time: 09:44:02

End Time:

19:43:57

Capacity: 7000.00 psig

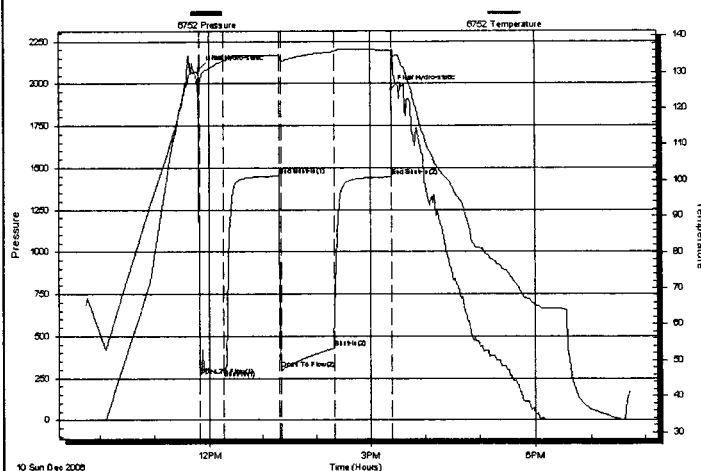
Last Calib.: 2006.12.10

Time On Btm: 2006.12.10 @ 11:49:42

Time Off Btm: 2006.12.10 @ 15:23:26

TEST COMMENT: IF Strong Blow BOB in 20 seconds
ISI Bled Off Blow back Built to 2 inches
FF Strong Blow BOB in 4 minutes GTS in 58 minutes
FSI Bled Off Blow back Built to BOB in 8 minutes

Pressure vs. Time



PRESSURE SUMMARY

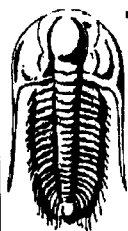
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.55	128.83	Initial Hydro-static
1	265.73	128.17	Open To Flow (1)
26	298.53	133.11	Shut-In (1)
90	1451.79	134.77	End Shut-In (1)
91	304.46	132.97	Open To Flow (2)
150	430.52	135.69	Shut-In (2)
214	1446.13	135.99	End Shut-In (2)
214	1965.55	136.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	Muddy Water 2%w 98%w	0.89
120.00	Gassy Oil 40%g 60%o	0.59
120.00	Clean Oil	1.59
420.00	OCGCM 10%O 20%G 70%M	5.89
135.00	GCM 5%G 95%M	1.89
0.00	GIP AFFP	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 Corp

8080 E Central Ste 300
Wichita KS 67206

ATTN: Roger McCoy

Bernatzke A # 1-29

29 25 18 Edwards KS

Job Ticket: 27104

DST#: 3

Test Start: 2006.12.10 @ 09:43:57

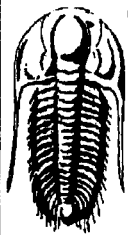
Tool Information

Drill Pipe:	Length: 3966.00 ft	Diameter: 3.80 inches	Volume: 55.63 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: 30000.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: lb
		Total Volume: 57.15 bbl		Tool Chased ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4275.00 ft			Final lb
Depth to Bottom Packer:	4297.00 ft			
Interval between Packers:	22.00 ft			
Tool Length:	418.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4248.00	
Shut In Tool	5.00			4253.00	
Hydraulic tool	5.00			4258.00	
Jars	5.00			4263.00	
Safety Joint	3.00			4266.00	
Packer	5.00			4271.00	28.00 Bottom Of Top Packer
Packer	4.00			4275.00	
Stubb	1.00			4276.00	
Recorder	0.00	6752	Inside	4276.00	
Perforations	20.00			4296.00	
Recorder	0.00	6704	Outside	4296.00	
Blank Off Sub	1.00			4297.00	22.00 Tool Interval
Packer	4.00			4301.00	
Stubb	1.00			4302.00	
Drill Pipe	344.00			4646.00	
Perforations	16.00			4662.00	
Recorder	0.00	13255	Below	4662.00	
Bullnose	3.00			4665.00	368.00 Bottom Packers & Anchor

Total Tool Length: 418.00



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FLUID SUMMARY

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Bernatzke A # 1-29

8080 E Central Ste 300
Wichita KS 67206

29 25 18 Edwards KS

Job Ticket: 27104

DST#: 3

ATTN: Roger McCoy

Test Start: 2006.12.10 @ 09:43:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 39.7 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 60000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	Muddy Water 2%m 98%w	0.885
120.00	Gassy Oil 40%g 60%o	0.590
120.00	Clean Oil	1.592
420.00	OCGCM 10%O 20%G 70%M	5.891
135.00	GCM 5%G 95%M	1.894
0.00	GIP AFFF	0.000

Total Length: 975.00 ft

Total Volume: 10.852 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

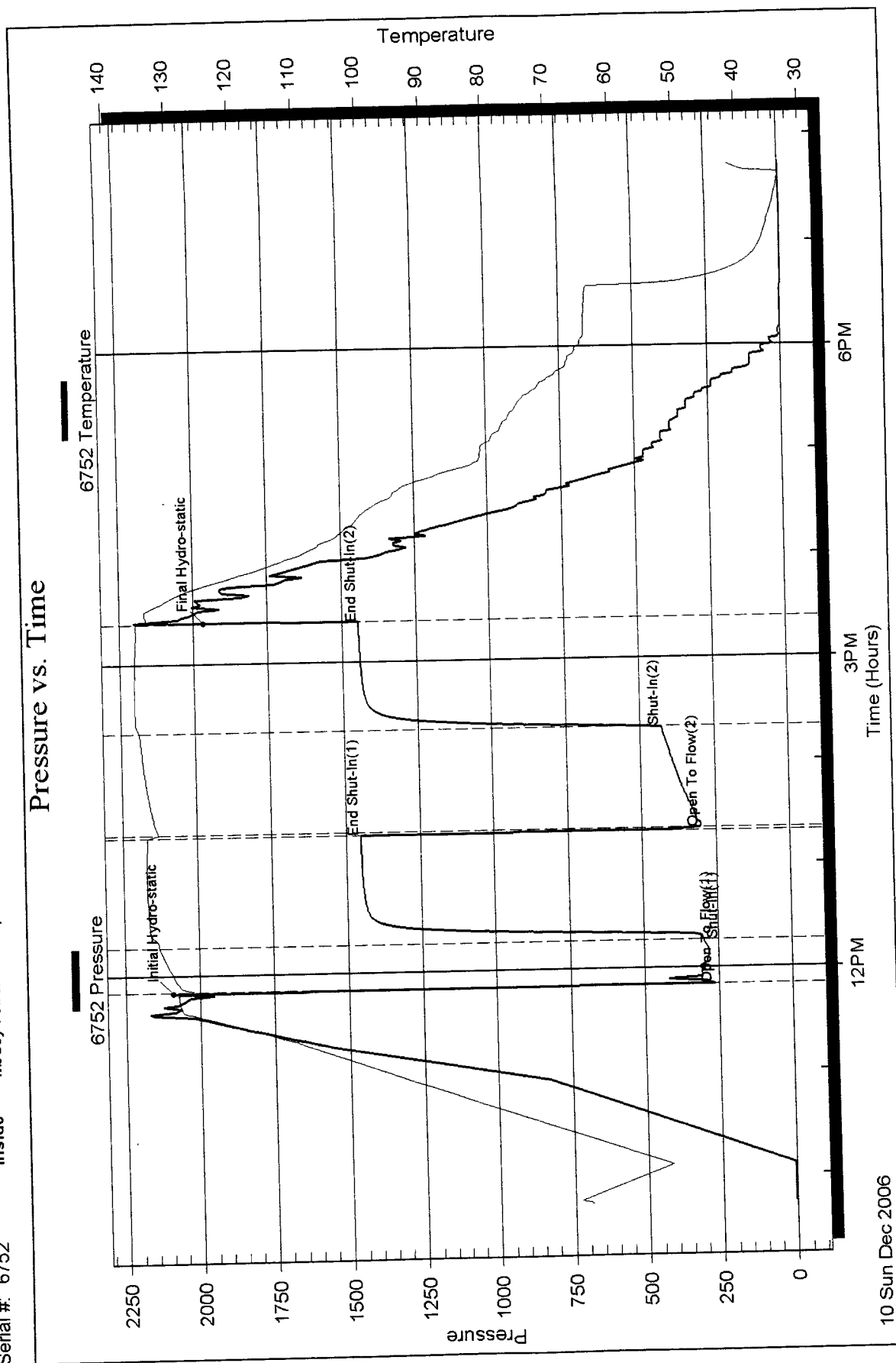
Serial #:

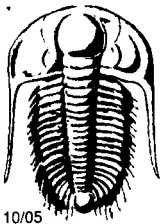
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25930

9624

Test Ticket

Well Name & No. <u>Bernatzke A #1-29</u>	Test No. <u>1</u>	Date <u>12-6-06</u>
Company <u>McCoy Petroleum</u>	Zone Tested <u>LeCompton</u>	
Address <u>8080 E. Central St. Wichita, KS 67206</u>	Elevation <u>2188</u>	KB <u>2177</u> GL
Co. Rep / Geo. <u>Tim Priest</u>	Rig <u>Sterling #2</u>	
Location: Sec. <u>19</u> Twp. <u>25</u> Rge. <u>18</u>	Co. <u>Edwards</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested 3824 ————— 3858 Initial Str Wt./Lbs. 63,000 Unseated Str Wt./Lbs. 64,000
 Anchor Length 34 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 89,000
 Top Packer Depth 3819 Tool Weight 2000
 Bottom Packer Depth 3824 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3858 Wt. Pipe Run _____ Drill Collar Run 310
 Mud Wt. 9.1 LCM _____ Vis. 43 WL 9.6 Drill Pipe Size 4.0-XH Ft. Run 3492
 Blow Description I.F. Strong B-B in 10 min.

F.I. Strong B-B in 3 min.

F.SI - Weak blow back - died in 10 min.

Recovery - Total Feet <u>315</u>	GIP <u>810</u>	Ft. in DC <u>310</u>	Ft. in DP <u>5</u>
Rec. <u>120</u> Feet of <u>CCM</u>	%gas <u>10</u> %oil _____	%water <u>90</u> %mud _____	
Rec. <u>120</u> Feet of <u>HCCM</u>	%gas <u>30</u> %oil _____	%water <u>70</u> %mud _____	
Rec. <u>75</u> Feet of <u>MCC</u>	%gas <u>70</u> %oil _____	%water <u>30</u> %mud _____	
Rec. _____ Feet of _____	%gas _____ %oil _____	%water _____ %mud _____	
Rec. _____ Feet of _____	%gas _____ %oil _____	%water _____ %mud _____	
BHT <u>119</u> °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>9800</u> ppm System	

(A) Initial Hydrostatic Mud <u>1855</u> PSI	Recorder No. <u>6741</u>	Test <u>1100</u>
(B) First Initial Flow Pressure <u>15</u> PSI	(depth) <u>3825</u>	Jars <u>X</u> <u>250</u>
(C) First Final Flow Pressure <u>66</u> PSI	Recorder No. <u>13254</u>	Safety Jt. <u>X</u> <u>75</u>
(D) Initial Shut-In Pressure <u>1342</u> PSI	(depth) <u>3855</u>	Circ Sub _____
(E) Second Initial Flow Pressure <u>46</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure <u>110</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure <u>1338</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud <u>1700</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
	Final Flow <u>60</u>	Ruined Packer _____
	Final Shut-In <u>90</u>	Mileage <u>160 RT 200</u>
	T-On Location <u>17:45</u>	Sub Total: <u>1625</u>
	T-Started <u>18:24</u>	Std. By _____
	T-Open <u>21:05</u>	Acc. Chg: <u>X</u> <u>150</u>
	T-Pulled <u>01:05</u>	Other: _____
	T-Out <u>04:45</u>	Total: _____

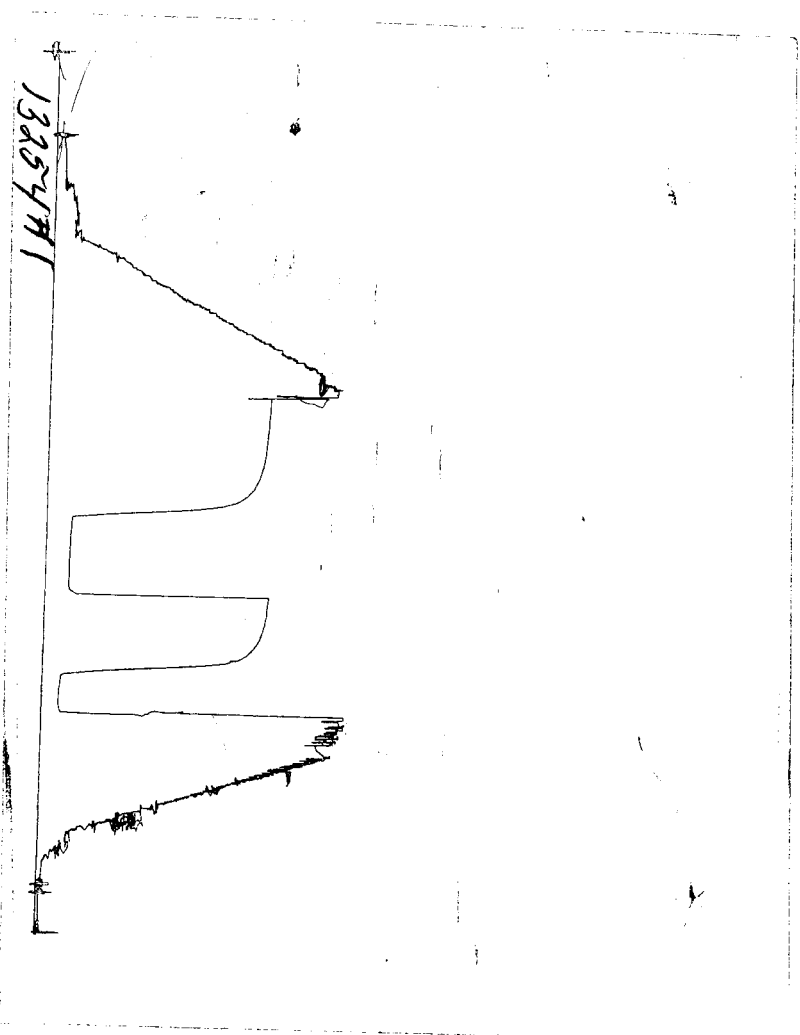
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

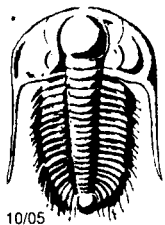
Approved By _____

Our Representative Dan Rangle

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25882

Test Ticket

Well Name & No. <u>Bernatke A</u>	Test No. <u>512</u>	Date <u>12-6-06</u>
Company <u>McCoy Petroleum Corp.</u>	Zone Tested _____	
Address <u>8080 E. Central Suite 300 Wichita KS 67206</u>	Elevation <u>2,188'</u>	KB <u>2,177'</u> GL _____
Co. Rep / Geo. <u>Jim Priest</u>	Rig <u>Sterling Rig 2</u>	
Location: Sec. <u>29</u> Twp. <u>25S</u> Rge. <u>18W</u> Co. <u>Edwards</u> State <u>KS</u>		
Comment: _____		Release date / time: _____

Interval Tested <u>3824' - 3858'</u>	Initial Str Wt./Lbs. _____	Unseated Str Wt./Lbs. _____
Anchor Length <u>34'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>3819'</u>	Tool Weight <u>2,100 lbs</u>	
Bottom Packer Depth <u>3824'</u>	Hole Size <u>7 7/8" ✓</u>	Rubber Size <u>6 3/4" ✓</u>
Total Depth <u>3858'</u>	Wt. Pipe Run <u>NONE</u>	Drill Collar Run <u>311'</u>
Mud Wt. <u>8.7</u> LCM <u>0</u> Vis. <u>47</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run _____

Blow Description

Rig had got stuck while coming out of hole for test. Left tools. Went picked up tools for another job. 16.7 miles for all three trips.

Recovery - Total Feet _____	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT _____	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW _____	@ _____	°F Chlorides _____ ppm	Recovery _____ Chlorides <u>6,000</u> ppm System

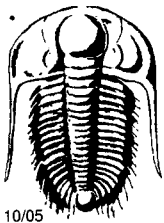
(A) Initial Hydrostatic Mud _____	PSI _____	Recorder No. <u>6668</u>	No DST between Test <u>- sat ✓</u> w/c Jars <u>dst #1 & #2</u>
(B) First Initial Flow Pressure _____	PSI _____	(depth) <u>3824'</u>	
(C) First Final Flow Pressure _____	PSI _____	Recorder No. <u>13260</u>	Safety Jt. _____
(D) Initial Shut-In Pressure _____	PSI _____	(depth) <u>3855'</u>	Circ Sub _____
(E) Second Initial Flow Pressure _____	PSI _____	Recorder No. <u>—</u>	Sampler _____
(F) Second Final Flow Pressure _____	PSI _____	(depth) <u>—</u>	Straddle _____
(G) Final Shut-In Pressure _____	PSI _____	Initial Opening _____	Ext. Packer _____
(Q) Final Hydrostatic Mud _____	PSI _____	Initial Shut-In _____	Shale Packer _____

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Final Flow _____	Ruined Packer _____
Final Shut-In _____	Mileage <u>160</u> <u>200</u>
T-On Location <u>02:00</u>	Sub Total: _____
T-Started _____	Std. By _____
T-Open _____	Acc. Chg: _____
T-Pulled _____	Other: _____
T-Out _____	Total: _____

Approved By _____

Our Representative Tracy Lushenbrey



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27103

Test Ticket

Well Name & No. <u>Bernantzke #1-29</u>	Test No. <u>2</u>	Date <u>12-9-06</u>
Company <u>McCoy Petroleum Corp</u>	Zone Tested <u>Mississippi</u>	
Address <u>8080 E Central Ste 300 Wichita KS 67206</u>	Elevation <u>2188</u> KB <u>2177</u> GL	
Co. Rep / Geo. <u>Roger McCoy / Tim Priest</u>	Rig <u>Sterling Rig #2</u>	
Location: Sec. <u>29</u> Twp. <u>25</u> Rge. <u>18</u>	Co. <u>Edwards</u> State <u>KS</u>	
Comment: _____		Release date / time: _____

Interval Tested <u>4606 - 4660</u>	Initial Str Wt./Lbs. <u>70000</u>	Unseated Str Wt./Lbs. <u>70000</u>
Anchor Length <u>54</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>75000</u>
Top Packer Depth <u>4602</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4606</u>	Hole Size <u>7 7/8" ✓</u>	Rubber Size <u>6 3/4" ✓</u>
Total Depth <u>4660</u>	Wt. Pipe Run _____	Drill Collar Run <u>310</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> Vis. <u>54</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>4274</u>

Blow Description IF: Strong Blow, BOB in 10 seconds
ISI: Bled off, no blowback

FF: Strong Blow, BOB immediate, GTS in 26 minutes
FSI: Bled off, Blowback built to 2 inches

Recovery - Total Feet <u>40</u>	GIP <u>AFEP</u>	Ft. in DC <u>40</u>	Ft. in DP _____
Rec. <u>40</u>	Feet of <u>GCM</u>	10% gas	%oil _____ %water <u>90</u> %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____
Rec. _____	Feet of _____	%gas _____	%oil _____ %water _____ %mud _____

BHT <u>137</u>	*F Gravity <u>N/C</u>	*API D @ <u>N/C</u>	*F Corrected Gravity <u>N/C</u>	*API _____
RW <u>N/C</u>	@ <u>N/C</u>	*F _____	Chlorides <u>N/C</u>	ppm Recovery <u>N/C</u> Chlorides <u>5800</u> ppm System _____

(A) Initial Hydrostatic Mud <u>302320</u> PSI	Recorder No. <u>6752</u>	Test <u>✓</u> <u>1200</u>
(B) First Initial Flow Pressure <u>30</u> PSI	(depth) <u>4607</u>	Jars <u>✓</u> <u>250</u>
(C) First Final Flow Pressure <u>40</u> PSI	Recorder No. <u>13255</u>	Safety Jt. <u>✓</u> <u>75</u>
(D) Initial Shut-In Pressure <u>1443</u> PSI	(depth) <u>4657</u>	Circ Sub _____
(E) Second Initial Flow Pressure <u>37</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure <u>52</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure <u>1470</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud <u>2193</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
	Final Flow <u>90</u>	Ruined Packer _____
	Final Shut-In <u>12080</u>	Mileage <u>160</u> <u>200</u>

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T-On Location <u>12:00</u>	Std. By <u>2 1/2 250 / 147</u>
T-Started <u>12:55</u>	Acc. Chg: <u>✓ 150</u> <u>15</u>
T-Open <u>15:13</u>	Other: <u>192</u>
T-Pulled <u>20:15</u>	Total: _____
T-Out <u>2325</u>	

Approved By [Signature]
 Our Representative [Signature]



GAS VOLUME REPORT

Bernard Ke #A 1-29

WELL NAME AND NO.

2
DST NO.

GTS 26 Minutes

[illegible]

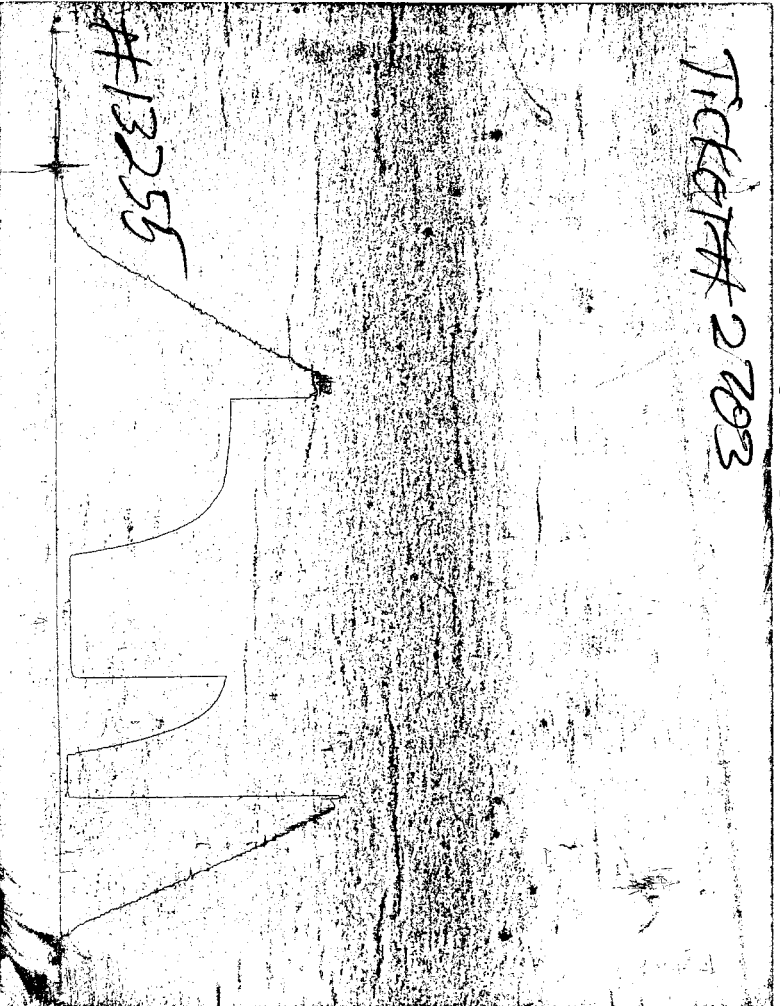
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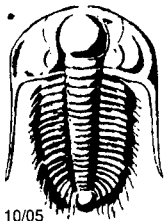
CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

TICKET # 27093

#13255





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27104

Test Ticket

Well Name & No. <u>Bernantzke # 1-29</u>	Test No. <u>3</u>	Date <u>12-10-06</u>
Company <u>McCoy Petroleum</u>	Zone Tested <u>Lansing</u>	
Address <u>8080 E. Central Ste 300 Wichita KS 67206</u>	Elevation <u>2188</u>	KB <u>2177</u> GL
Co. Rep / Geo. <u>Roger McCoy / Tim Priest</u>	Rig <u>Sterling rig #2</u>	
Location: Sec. <u>29</u> Twp. <u>25</u> Rge. <u>18</u>	Co. <u>Edwards</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>4275</u> — <u>4297</u>	Initial Str Wt./Lbs. <u>70000</u>	Unseated Str Wt./Lbs. _____
Anchor Length _____	Wt. Set Lbs. <u>30000</u>	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>4275</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>4297</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>4660</u>	Wt. Pipe Run _____	Drill Collar Run <u>310</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> Vis. <u>54</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3966</u>
Blow Description <u>IF: Strong Blow, BOB 20 seconds</u>		
<u>IS2: Bled off, Blowback built to 2 inches</u>		
<u>EF: Strong Blow, BOB in 4 minutes, GTS 58 minutes</u>		
<u>ESI: Bled off, Blowback built to BOB in 8 minutes</u>		
Recovery - Total Feet <u>975</u>	GIP <u>AFAP</u>	Ft. in DC <u>310</u> Ft. in DP <u>665</u>
Rec. <u>190</u>	Feet of <u>Muddy water</u>	%gas _____ %oil _____ 98%water 2%mud
Rec. <u>120</u>	Feet of <u>Gsy oil</u>	40%gas 60%oil %water %mud
Rec. <u>120</u>	Feet of <u>clean oil</u>	%gas _____ %oil _____ %water %mud
Rec. <u>420</u>	Feet of <u>OC GCM</u>	20%gas 10%oil %water 70%mud
Rec. <u>135</u>	Feet of <u>GCM</u>	5 %gas %oil %water 95% mud
BHT <u>136</u>	*F Gravity <u>39.5</u>	*API D @ <u>58</u> *F Corrected Gravity <u>39.7</u> *API
RW <u>.23</u> @ <u>40</u>	*F Chlorides <u>60000</u> ppm Recovery _____	Chlorides <u>5800</u> ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	<u>2190</u>	PSI	Recorder No.	<u>6752</u>	Test	✓	<u>1200</u>
(B) First Initial Flow Pressure	<u>266</u>	PSI	(depth)	<u>4276</u>	Jars	✓	<u>250</u>
(C) First Final Flow Pressure	<u>298</u>	PSI	Recorder No.	<u>6704</u>	Safety Jt.	✓	<u>75</u>
(D) Initial Shut-In Pressure	<u>1452</u>	PSI	(depth)	<u>4296</u>	Circ Sub		
(E) Second Initial Flow Pressure	<u>304</u>	PSI	Recorder No.	<u>13255</u>	Sampler		
(F) Second Final Flow Pressure	<u>430</u>	PSI	(depth)	<u>4658</u>	Straddle	✓	<u>600</u>
(G) Final Shut-In Pressure	<u>1446</u>	PSI	Initial Opening	<u>30</u>	Ext. Packer		
(Q) Final Hydrostatic Mud	<u>2203</u>	PSI	Initial Shut-In	<u>60</u>	Shale Packer		
			Final Flow	<u>60</u>	Ruined Packer	✓	<u>200</u>
			Final Shut-In	<u>60</u>	Mileage	<u>460</u>	<u>200</u>
			T-On Location	<u>5845</u>	Sub Total:	<u>2525</u>	
			T-Started	<u>0943</u>	Std. By	<u>2</u>	<u>200</u>
			T-Open	<u>1150</u>	Acc. Chg:	✓	<u>150</u>
			T-Pulled	<u>1522</u>	Other:		<u>287</u>
			T-Out	<u>1943</u>	Total:		

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Approved By Colvin Comer

Our Representative [Signature]

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Ticket # 27104

6704
TOP

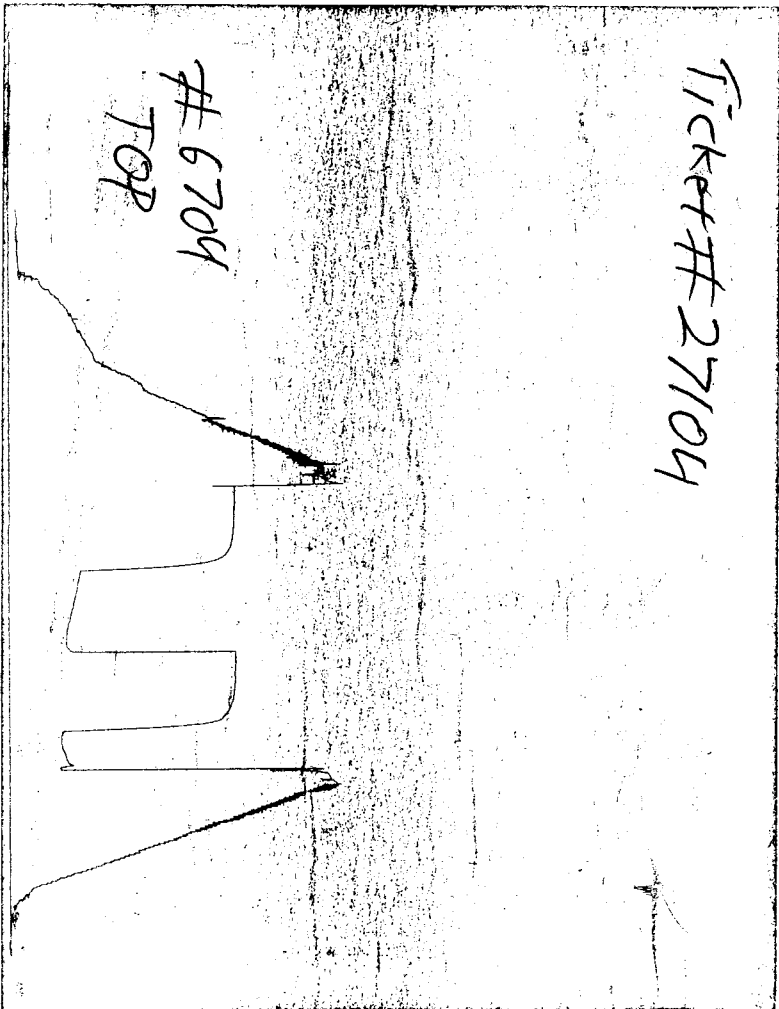


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Ticket # 27104

13255

Bottom

