

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 E. Central, Ste. 300
Wichita Ks. 67206

ATTN: Tim Priest

22-32s-10w Barber Ks

Bradley A#1-22

Start Date: 2006.02.06 @ 16:45:24

End Date: 2006.02.07 @ 02:00:09

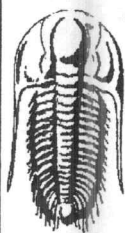
Job Ticket #: 22021

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 Petll Corp.

8080 E Central, Ste. 300
Wichita Ks. 67206

ATTN: Tim Priest

Bradley A#1-22

22-32s-10w Barber Ks

Job Ticket: 22021

DST#: 1

Test Start: 2006.02.06 @ 16:45:24

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 18:38:54

Time Test Ended: 02:00:09

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **4375.00 ft (KB) To 4390.00 ft (KB) (TVD)**

Total Depth: **4390.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1463.00 ft (KB)**

1454.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6771

Inside

Press@RunDepth: **475.23 psig @ 4376.00 ft (KB)**

Start Date: **2006.02.06**

End Date: **2006.02.07**

Capacity: **7000.00 psig**

Last Calib.: **2006.02.07**

Start Time: **16:45:29**

End Time: **02:00:09**

Time On Btm: **2006.02.06 @ 18:37:24**

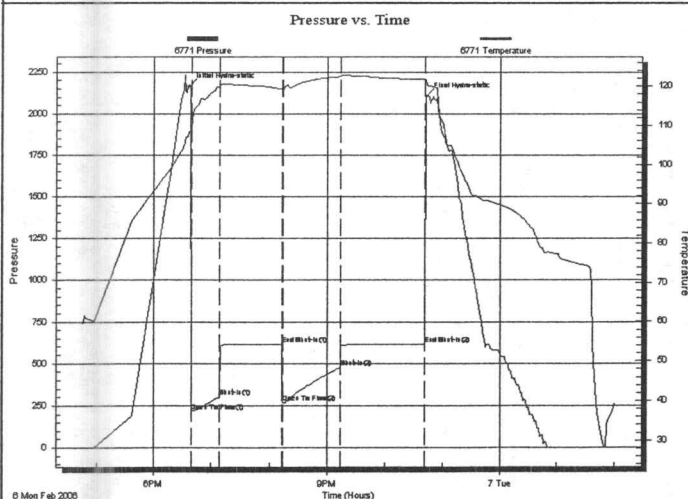
Time Off Btm: **2006.02.06 @ 22:42:54**

TEST COMMENT: IF: Strong blow . B.O.B. immediately. GTS in 3.5 mins. (see gas flow report)

IS: Weak blow . 1".

FF: Strong blow . (see gas flow report)

FS: Weak blow . 1 - 2".



PRESSURE SUMMARY

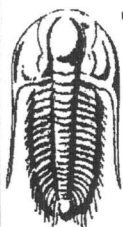
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.50	108.48	Initial Hydro-static
2	212.09	108.68	Open To Flow (1)
31	301.84	119.87	Shut-In(1)
96	614.38	119.37	End Shut-In(1)
97	264.32	119.19	Open To Flow (2)
157	475.23	122.44	Shut-In(2)
244	613.88	121.76	End Shut-In(2)
246	2106.03	120.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GMCO 20%g 25%m 55%o	0.15
1100.00	CGO 12%g 88%o	14.01

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petl. Corp.

8080 E. Central, Ste. 300
Wichita Ks. 67206

ATTN: Tim Priest

Bradley A#1-22

22-32s-10w Barber Ks

Job Ticket: 22021

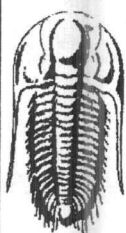
DST#: 1

Test Start: 2006.02.06 @ 16:45:24

Tool Information

Drill Pipe:	Length: 4179.00 ft	Diameter: 3.80 inches	Volume: 58.62 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: 22000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 59.53 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4375.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 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			4356.00	
Shut In Tool	5.00			4361.00	
Hydraulic tool	5.00			4366.00	
Packer	4.00			4370.00	20.00 Bottom Of Top Packer
Packer	5.00			4375.00	
Stubb	1.00			4376.00	
Recorder	0.00	6771	Inside	4376.00	
Perforations	9.00			4385.00	
Recorder	0.00	13222	Outside	4385.00	
Bullnose	5.00			4390.00	15.00 Bottom Packers & Anchor
Total Tool Length:		35.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petl. Corp.

Bradley A#1-22

8080 E Central, Ste. 300
Wichita Ks. 67206

22-32s-10w Barber Ks

Job Ticket: 22021

DST#: 1

ATTN: Tim Priest

Test Start: 2006.02.06 @ 16:45:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

18.5 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

7000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GMCO 20%g 25%m 55%o	0.148
1100.00	CGO 12%g 88%o	14.009

Total Length: 1130.00 ft

Total Volume: 14.157 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Serial #: 6771

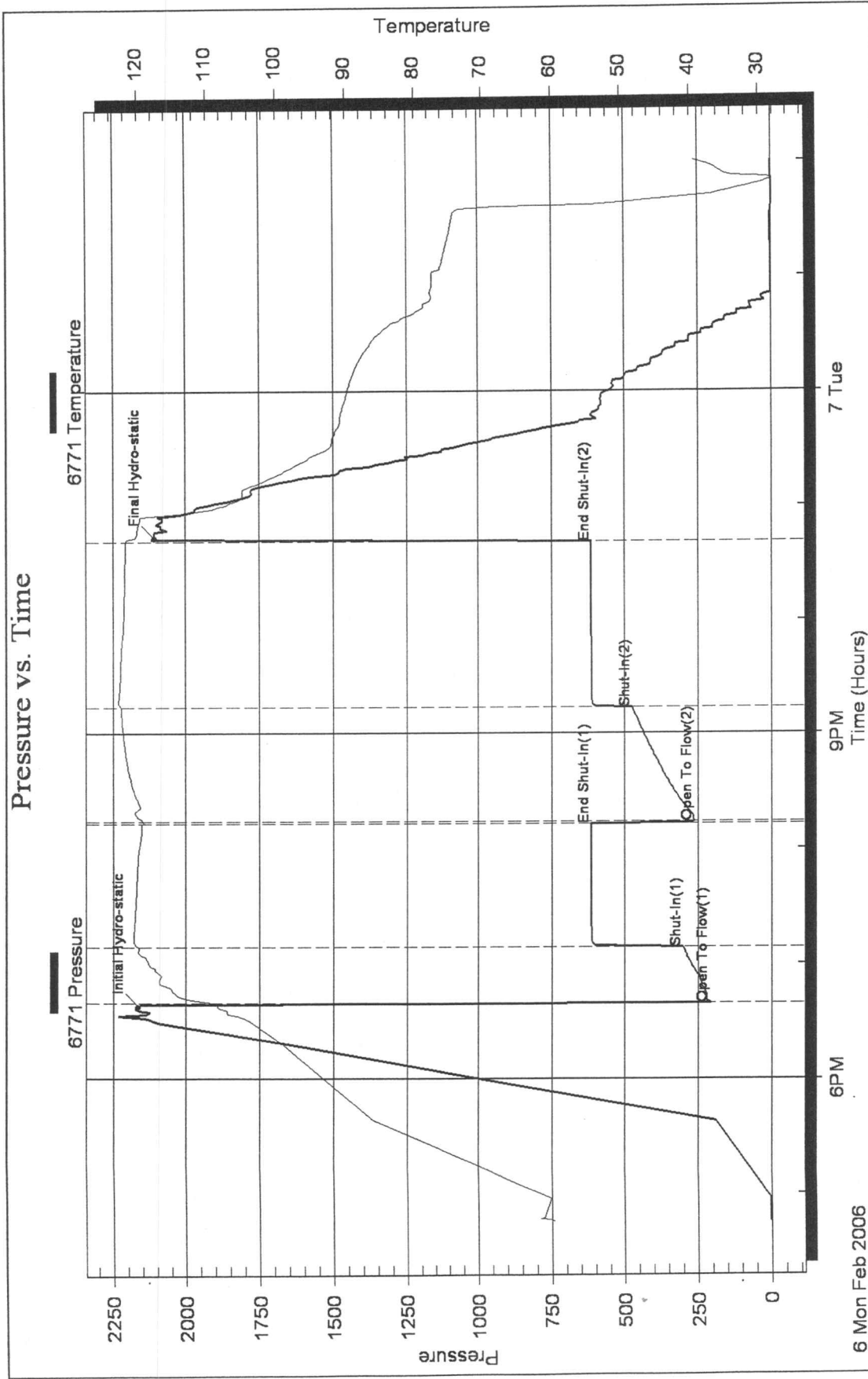
Inside

McCoy Peti. Corp.

22-32s-10w Barber Ks

DST Test Number: 1

Pressure vs. Time





GAS VOLUME REPORT

1

[illegible]



DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 E. Central, Ste. 300
Wichita Ks. 67206

ATTN: Tim Priest

22-32s-10w Barber Ks

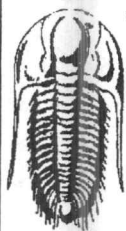
Bradley A#1-22

Start Date: 2006.02.07 @ 09:14:16

End Date: 2006.02.07 @ 17:24:01

Job Ticket #: 22021 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 Petl. Corp.
8080 E Central, Ste. 300
Wichita Ks. 67206
ATTN: Tim Priest

Bradley A#1-22

22-32s-10w Barber Ks

Job Ticket: 22021

DST#: 2

Test Start: 2006.02.07 @ 09:14:16

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 11:06:46

Time Test Ended: 17:24:01

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **4390.00 ft (KB) To 4400.00 ft (KB) (TVD)**

Total Depth: **4400.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1463.00 ft (KB)**

1454.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6771

Inside

Press@RunDepth: **619.69 psig @ 4391.00 ft (KB)**

Start Date: **2006.02.07**

End Date:

2006.02.07

Start Time: **09:14:21**

End Time:

17:24:00

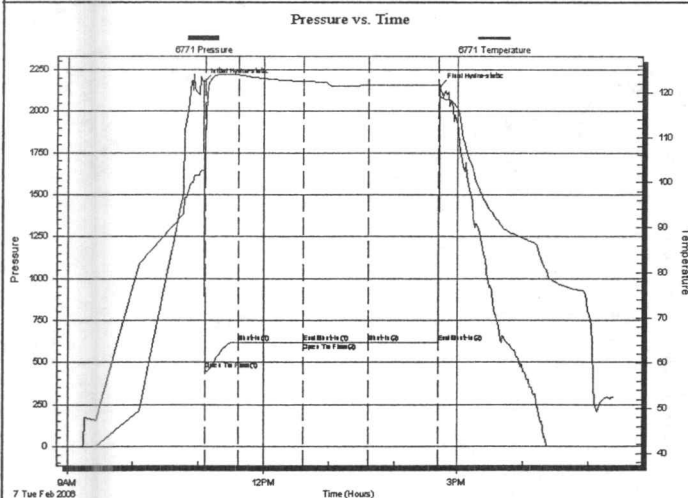
Capacity: **7000.00 psig**

Last Calib.: **2006.02.07**

Time On Btm: **2006.02.07 @ 11:05:01**

Time Off Btm: **2006.02.07 @ 14:42:46**

TEST COMMENT: IF: Strong blow . B.O.B. in 2 secs.
IS: Strong blow . B.O.B. GTS 50 mins. in to ISIP.
FF: Fair to strong blow . B.O.B. in 16 mins. (Gas TSTM)
FS: Fair blow . 3 - 6".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.65	102.65	Initial Hydro-static
2	455.98	108.29	Open To Flow (1)
32	618.60	123.93	Shut-In(1)
92	619.43	122.53	End Shut-In(1)
92	619.42	122.52	Open To Flow (2)
151	619.69	121.65	Shut-In(2)
217	619.67	121.76	End Shut-In(2)
218	2142.96	119.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1000.00	SW w /few o specs /Rw .09 ohms @ 60 c12.33	
180.00	G&OC, MW 32%g 19%o 14%m 40%w	2.52
140.00	G&WCO 26%g 30%w 44%o	1.96

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petl. Corp.

8080 E. Central, Ste. 300
Wichita Ks. 67206

ATTN: Tim Priest

Bradley A#1-22

22-32s-10w Barber Ks

Job Ticket: 22021

DST#: 2

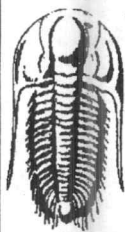
Test Start: 2006.02.07 @ 09:14:16

Tool Information

Drill Pipe:	Length:	4212.00 ft	Diameter:	3.80 inches	Volume:	59.08 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:	20000.00 lb
Drill Collar:	Length:	186.00 ft	Diameter:	2.25 inches	Volume:	0.91 bbl	Weight to Pull Loose:	81000.00 lb
					Total Volume:	59.99 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		28.00 ft					String Weight: Initial	66000.00 lb
Depth to Top Packer:		4390.00 ft					Final	71000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		10.00 ft						
Tool Length:		30.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4371.00	
Shut In Tool	5.00			4376.00	
Hydraulic tool	5.00			4381.00	
Packer	4.00			4385.00	20.00 Bottom Of Top Packer
Packer	5.00			4390.00	
Stubb	1.00			4391.00	
Recorder	0.00	6771	Inside	4391.00	
Perforations	4.00			4395.00	
Recorder	0.00	13222	Outside	4395.00	
Bullnose	5.00			4400.00	10.00 Bottom Packers & Anchor
Total Tool Length:	30.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petll.Corp.

Bradley A#1-22

8080 E Central, Ste. 300
Wichita Ks. 67206

22-32s-10w Barber Ks

Job Ticket: 22021

DST#: 2

ATTN: Tim Priest

Test Start: 2006.02.07 @ 09:14:16

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:

109000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1000.00	SW w /few o specs /Rw .09 ohms @ 60 deg	12.333
180.00	G&OC, MV 32%g 19%o 14%m 40%w	2.525
140.00	G&WCO 26%g 30%w 44%o	1.964

Total Length: 1320.00 ft

Total Volume: 16.822 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

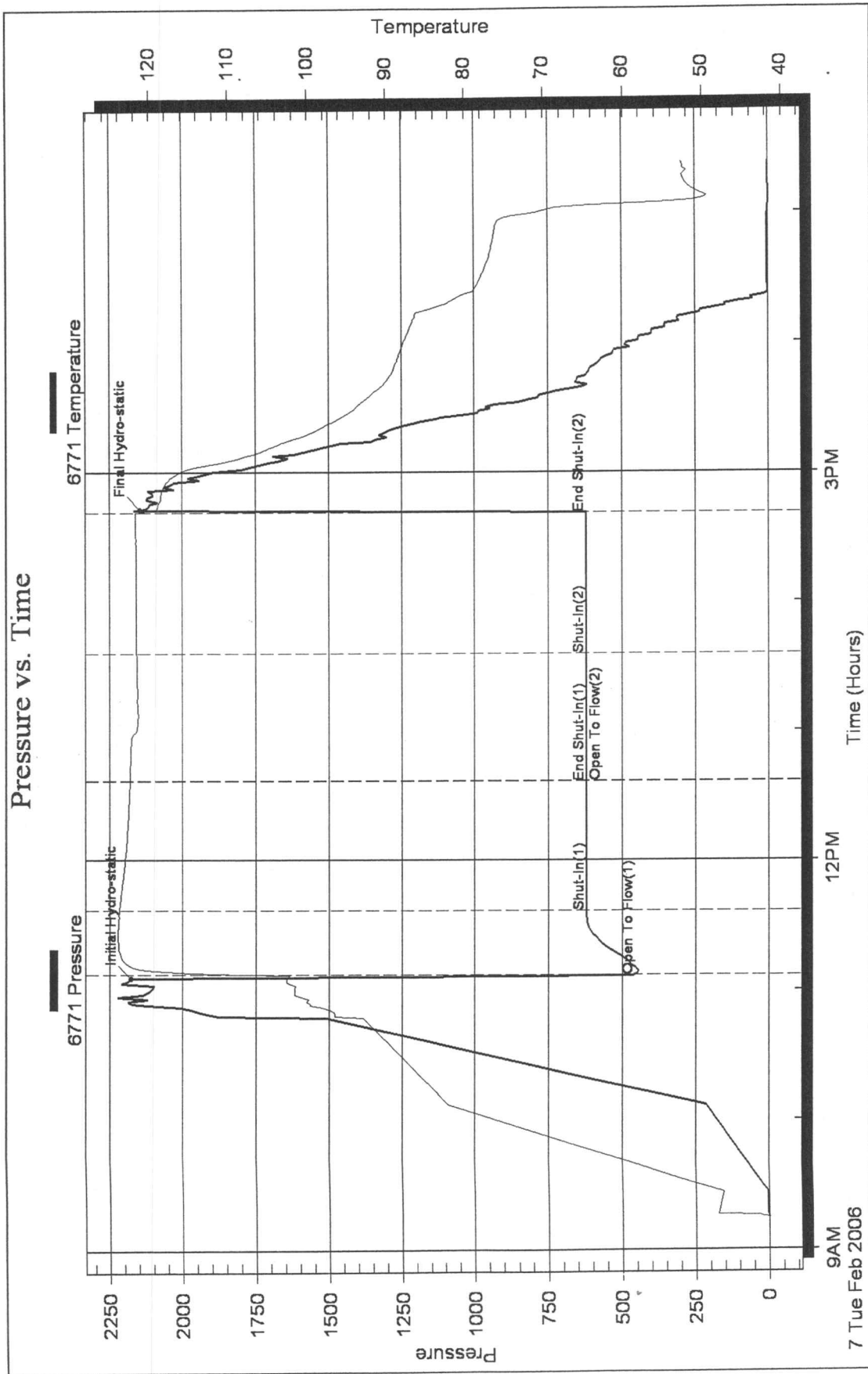
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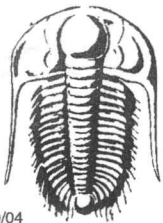
Inside

McCoy Petl Corp.

22-32s-10w Barber Ks

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

8403

No 22021

9/04

Test Ticket

Well Name & No. Bradley A# 1-22 Test No. 1 Date 2-6-06
 Company McCoy Petrol. Corp. Zone Tested Miss.
 Address 8080 E. Central, Ste. 300, Wichita, KS 67206 Elevation 1463 KB 1454 GL
 Co. Rep / Geo. Tim Priest Cont. Sterling Drilling #4 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 22 Twp. 32S Rge. 10W Co. Barber State Ks.
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4375 - 4390' Initial Str Wt./Lbs. 64,000 Unseated Str Wt./Lbs. 68,000
 Anchor Length 15' Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 89,000
 Top Packer Depth 4370' Tool Weight 2100#
 Bottom Packer Depth 4375' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4390' Wt. Pipe Run None Drill Collar Run 186'
 Mud Wt. 9.5 LCM — Vis. 46 WL 12.0 Drill Pipe Size 4 1/2" Ft. Run 4179
 Blow Description IF: Strong blow. B.O.B. immediately. GTS in 3.5 mins.
(see gas flow report) ISI: Weak blow. 1".
FF: Strong blow. (see gas flow report) FSI: Weak blow. 1-2".

Recovery - Total Feet 1130 GIP yes Ft. in DC 186 Ft. in DP 944
 Rec. 1100 Feet of CGO 12% gas 88 %oil _____ %water _____ %mud _____
 Rec. 30 Feet of GMCO 20 %gas 55 %oil _____ %water 25 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 122 °F Gravity 19 °API D @ 69 °F Corrected Gravity 18.5 °API
 RW N.C. @ _____ °F Chlorides 7,000 ppm Recovery _____ Chlorides 7,000 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2144</u> PSI		Recorder No.	<u>6771</u>	Test <u>✓ 1100</u>
(B) First Initial Flow Pressure	<u>212</u> PSI		(depth)	<u>4376'</u>	Jars _____
(C) First Final Flow Pressure	<u>302</u> PSI		Recorder No.	<u>13222</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>614</u> PSI		(depth)	<u>4385'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>244</u> PSI		Recorder No.	<u>—</u>	Sampler _____
(F) Second Final Flow Pressure	<u>475</u> PSI		(depth)	<u>—</u>	Straddle _____
(G) Final Shut-In Pressure	<u>614</u> PSI		Initial Opening	<u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2106</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>✓ 90</u>
			T-On Location	<u>1555</u>	Sub Total: <u>1190</u>
			T-Started	<u>1645</u>	Std. By <u>✓ 50</u>
			T-Open	<u>1838</u>	Other _____
			T-Pulled	<u>2245</u>	Total: <u>1240⁰⁰</u>
			T-Out	<u>0200</u>	

Approved By _____

Our Representative Gay P. [Signature]

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.



GAS VOLUME REPORT

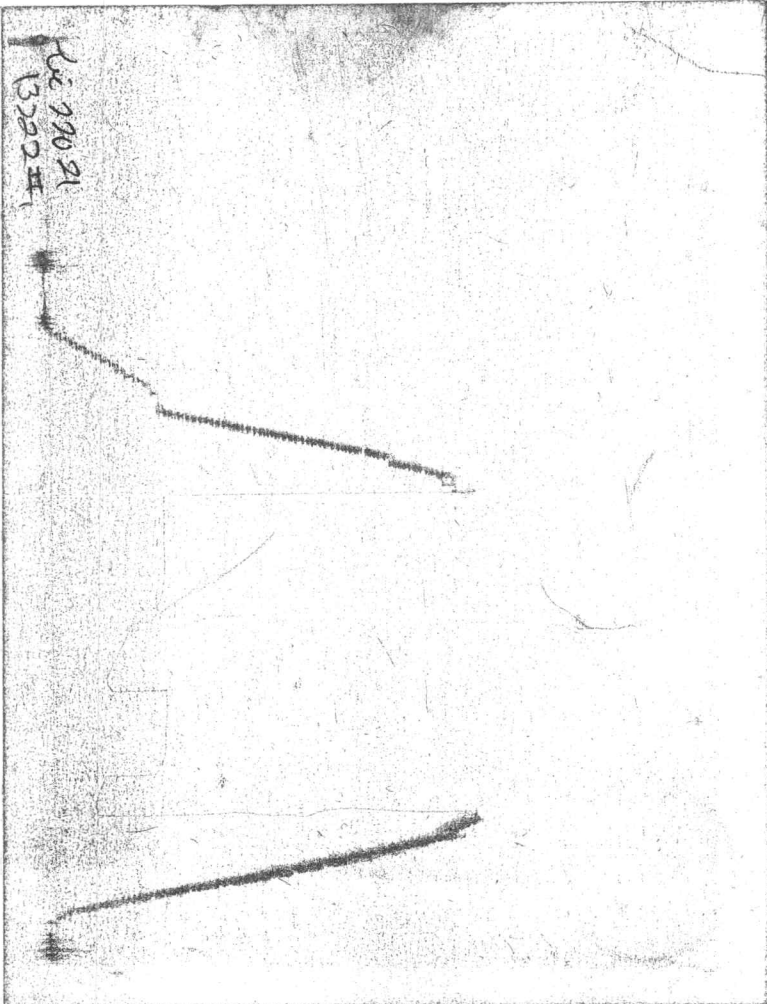
Bradley A #1-22
WELL NAME AND NO.

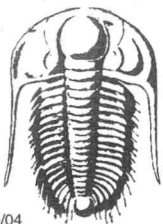
1
DST NO.

Remarks:

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22022

Test Ticket

Well Name & No.	Bradley A #1	Test No.	2	Date	2-7-06
Company	McCoy Pith Corp.	Zone Tested	Miss.		
Address	8080 E. Central, Ste. 300, Wichita, KS 67206	Elevation	1463	KB	1454 GL
Co. Rep / Geo.	Tim Priest	Cont.	Stirling Drg. #4	Est. Ft. of Pay	Por. %
Location: Sec.	22	Twp.	32S	Rge.	10W Co. Barber State KS
No. of Copies	5	Disbtribution Sheet (Y, N)	N	Turnkey (Y, N)	Evaluation (Y, N)

Interval Tested	4390 4400'	Initial Str Wt./Lbs.	14,000	Unseated Str Wt./Lbs.	71,000
Anchor Length	10'	Wt. Set Lbs.	20,000	Wt. Pulled Loose/Lbs.	81,000
Top Packer Depth	4385'	Tool Weight	2100#		
Bottom Packer Depth	4390'	Hole Size	7 7/8" ✓	Rubber Size	6 3/4" ✓
Total Depth	4400'	Wt. Pipe Run	None	Drill Collar Run	186'
Mud Wt.	9.4 LCM	Vis.	47	WL	12.0 cc
Drill Pipe Size	4 1/2"	Ft. Run	4212'		
Blow Description	FF: Strong blow. B.O.B. in 2 sec. ISF: Strong blow. B.O.B. GTS 50 mins. in to ISF.				
	FF: Fair to strong blow. B.O.B. in 16 mins. (Gas TSTM)				
	ESF: Fair blow. 3-6".				

Recovery - Total Feet	1320	GIP	yes	Ft. in DC	186	Ft. in DP	1134
Rec.	140	Feet of	GE WCO	26 %gas	44 %oil	30 %water	%mud
Rec.	180	Feet of	GE OCG, MW	32 %gas	19 %oil	40 %water	14 %mud
Rec.	1,000	Feet of	SW w/pw aspers.	%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	122	°F Gravity	N/A	°API D @		°F Corrected Gravity	N/A
°API							
RW	.09	@	60	°F	Chlorides	109,000 ppm	Recovery
					Chlorides	7,000 ppm	System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	276	PSI	Recorder No.	6771	Test	✓ 1100	
(B) First Initial Flow Pressure	456	PSI	(depth)	4391'	Jars		
(C) First Final Flow Pressure	619	PSI	Recorder No.	13222	Safety Jt.		
(D) Initial Shut-In Pressure	619	PSI	(depth)	4395'	Circ Sub		
(E) Second Initial Flow Pressure	619	PSI	Recorder No.		Sampler		
(F) Second Final Flow Pressure	620	PSI	(depth)		Straddle		
(G) Final Shut-In Pressure	620	PSI	Initial Opening	30	Ext. Packer		
(Q) Final Hydrostatic Mud	2143	PSI	Initial Shut-In	60	Shale Packer		

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Approved By _____
Our Representative Cory Burdette

Final Flow	60
Final Shut-In	60
T-On Location	0905
T-Started	0914
T-Open	1106
T-Pulled	1440
T-Out	1724
Mileage	✓ 90
Sub Total:	1190 ⁰⁰
Std. By	
Other	
Total:	1190 ⁰⁰

CHART PAGE

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

