

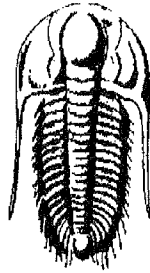
15-053-21166

34-17s-10w

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KANSAS CORPORATION COMMISSION

MAR 20 2006

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

CONFIDENTIAL
MAR 17 2006

KCC

DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. & Ass. Inc.**

1670 Broadway Ste 3300
Denver, CO 80202

ATTN: Tom Fertal

34/17s/10w Ellsworth

Schroeder-Maes 7-34

Start Date: 2005.12.03 @ 13:47:03

End Date: 2005.12.03 @ 21:41:02

Job Ticket #: 23376 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Sam Gary Jr. & Ass. Inc.

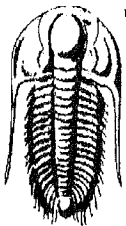
Schroeder-Maes 7-34

34/17s/10w Ellsworth

DST # 1

arbuckle

2005.12.03



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DRILL STEM TEST REPORT

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Denver, CO 80202

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Schroeder-Maes 7-34

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Job Ticket: 23376

DST#: 1

Test Start: 2005.12.03 @ 13:47:03

GENERAL INFORMATION:

Formation: **arbuckle**

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

Time Tool Opened: 16:18:02

Time Test Ended: 21:41:02

Test Type: **Conventional Straddle**

Tester: **Brian Fairbank**

Unit No: **15**

Interval: **3309.00 ft (KB) To 3317.00 ft (KB) (TVD)**

Total Depth: **3389.00 ft (KB) (TVD)**

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

Reference Elevations: **1813.00 ft (KB)**

1807.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 6799 **Inside**

Press@RunDepth: **39.11 psig @ 3310.01 ft (KB)**

Start Date: **2005.12.03**

End Date:

2005.12.03

Start Time: **13:47:03**

End Time:

21:41:02

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.12.03 @ 16:16:32**

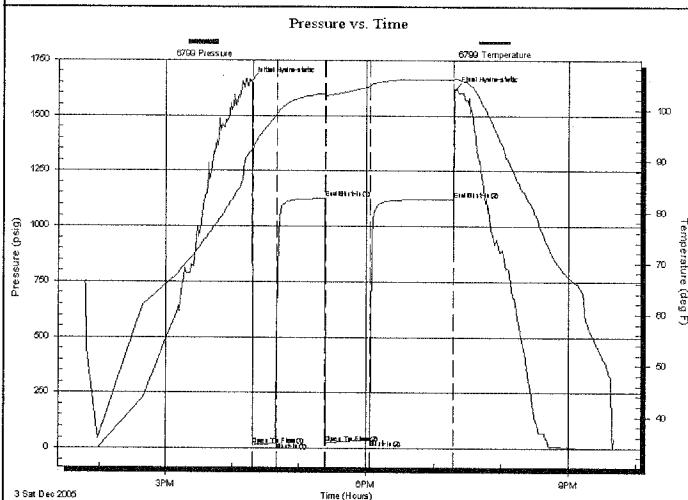
Time Off Btm: **2005.12.03 @ 19:18:02**

TEST COMMENT: **IFP - weak blow throughout surface - 1 1/2"**

ISI - no blow back

FFP - weak blow throughout surface - 2"

FSI - no blow back



PRESSURE SUMMARY

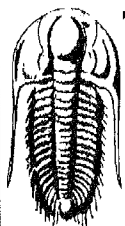
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1656.14	92.03	Initial Hydro-static
2	15.48	91.94	Open To Flow (1)
23	25.71	98.97	Shut-In(1)
67	1124.80	103.24	End Shut-In(1)
68	23.86	102.75	Open To Flow (2)
107	39.11	104.66	Shut-In(2)
181	1123.72	106.04	End Shut-In(2)
182	1615.10	106.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	VSOCMW 78% W, 20% M, 2% O	0.84

Gas Rates

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

TOOL DIAGRAM

Sam Gary Jr. & Ass. Inc.

1670 Broadway Ste 3300
Denver, CO 80202

ATTN: Tom Fertal

Schroeder-Maes 7-34

34/17s/10w Ellsworth

Job Ticket: 23376

DST#: 1

Test Start: 2005.12.03 @ 13:47:03

Tool Information

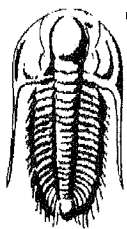
Drill Pipe:	Length: 3301.00 ft	Diameter: 3.80 inches	Volume: 46.30 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 51000.00 lb
		Total Volume: 46.30 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3309.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	3318.01 ft			
Interval between Packers:	9.01 ft			
Tool Length:	111.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3286.00	
Shut In Tool	5.00			3291.00	
Hydraulic tool	5.00			3296.00	
Jars	5.00			3301.00	
Safety Joint	3.00			3304.00	
Packer	5.00			3309.00	24.00 Bottom Of Top Packer
Stubb	1.00			3310.00	
Recorder	0.01	6799	Inside	3310.01	
Perforations	2.00			3312.01	
Blank Off Sub	6.00			3318.01	9.01 Tool Interval
Packer	5.00			3323.01	
Stubb	1.00			3324.01	
Perforations	4.00			3328.01	
Change Over Sub	1.00			3329.01	
Below (Straddle)	0.00			3329.01	
Recorder	0.01	13548	Below	3329.02	
Blank Spacing	63.00			3392.02	
Change Over Sub	1.00			3393.02	
Bullnose	3.00			3396.02	78.01 Bottom Packers & Anchor

Total Tool Length: 111.02



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FLUID SUMMARY

Sam Gary Jr. & Ass. Inc.

Schroeder-Maes 7-34

1670 Broadway Ste 3300
Denver, CO 80202

34/17s/10w Ellsworth

Job Ticket: 23376

DST#: 1

ATTN: Tom Fertal

Test Start: 2005.12.03 @ 13:47:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	VSOCMW 78% W, 20% M, 2% O	0.842

Total Length: 60.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 65' GIP

DST Test Number: 1

34/17s/10w Elsw orth

Sam Gary Jr. & Ass. Inc.

Inside

Serial #: 6799

Pressure vs. Time

