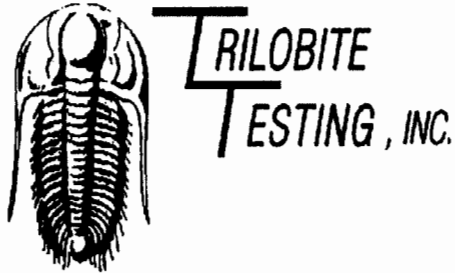


15-053-21174

27-17s-10w
E2 NW NW

KCC
MAY 16 2006
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Assoc.**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

27-17s-10w Ellsworth

Schepmann- Trust 1-27

Start Date: 2006.02.03 @ 10:33:55

End Date: 2006.02.03 @ 18:14:55

Job Ticket #: 23619 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 17 2006

CONSERVATION DIVISION
WICHITA, KS

Samuel Gary Jr. & Assoc.

Schepmann- Trust 1-27

27-17s-10w Ellsworth

DST # 1

ARB

2006.02.03



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

Schepmann- Trust 1-27

27-17s-10w Ellsworth

Job Ticket: 23619

DST#: 1

Test Start: 2006.02.03 @ 10:33:55

GENERAL INFORMATION:

Formation: **ARB**

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

Time Tool Opened: 12:23:10

Time Test Ended: 18:14:55

Interval: **3335.00 ft (KB) To 3348.00 ft (KB) (TVD)**

Total Depth: **34340.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: **Conventional Straddle**

Tester: **Michael Armbrister**

Unit No: **1**

Reference Elevations: **1840.00 ft (KB)**

1834.00 ft (CF)

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

Serial #: 6741

Inside

Press@RunDepth: **255.67 psig @ 3336.00 ft (KB)**

Start Date: **2006.02.03**

End Date:

2006.02.03

Capacity: **7000.00 psig**

Last Calib.: **2006.02.03**

Start Time: **10:33:57**

End Time:

18:14:55

Time On Btm: **2006.02.03 @ 12:22:55**

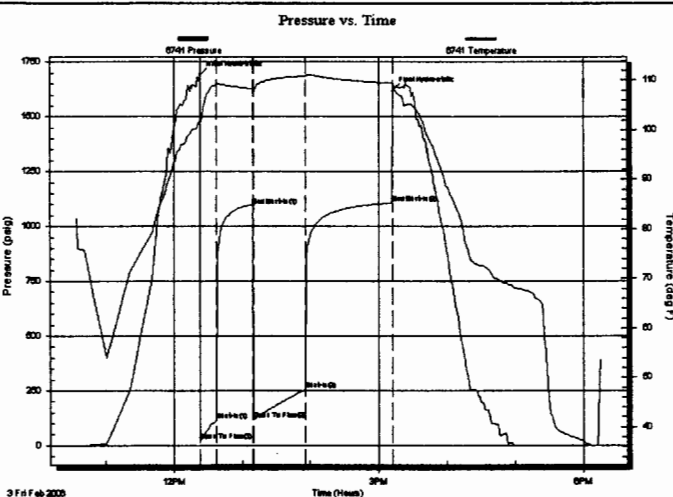
Time Off Btm: **2006.02.03 @ 15:12:25**

TEST COMMENT: **IF- B of B 10m**

IS- No blow

FF- B of B 13m

FS- No blow



PRESSURE SUMMARY

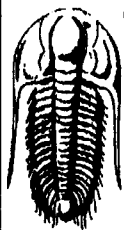
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1691.03	101.89	Initial Hydro-static
1	20.77	101.57	Open To Flow (1)
15	113.42	109.20	Shut-In(1)
47	1093.82	108.31	End Shut-In(1)
47	116.84	108.03	Open To Flow (2)
93	255.67	110.87	Shut-In(2)
169	1107.28	109.46	End Shut-In(2)
170	1619.53	109.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
382.00	Salt water	3.74
120.00	M cut salt water	1.68
2.00	Clean oil	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Assoc.

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

Schepmann- Trust 1-27

27-17s-10w Ellsworth

Job Ticket: 23619

DST#: 1

Test Start: 2006.02.03 @ 10:33:55

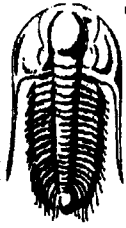
Tool Information

Drill Pipe:	Length: 3140.00 ft	Diameter: 3.80 inches	Volume: 44.05 bbl	Tool Weight: 2000.00 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: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 44.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3335.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3348.00 ft			
Interval between Packers:	13.00 ft			
Tool Length:	123.00 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			3308.00	
Shut In Tool	5.00			3313.00	
Hydraulic tool	5.00			3318.00	
Jars	5.00			3323.00	
Safety Joint	2.00			3325.00	
Packer	5.00			3330.00	28.00 Bottom Of Top Packer
Packer	5.00			3335.00	
Stubb	1.00			3336.00	
Recorder	0.00	6741	Inside	3336.00	
Perforations	8.00			3344.00	
Blank Off Sub	1.00			3345.00	
Blank Spacing	3.00			3348.00	13.00 Tool Interval
Packer	1.00			3349.00	
Stubb	1.00			3350.00	
Perforations	12.00			3362.00	
Change Over Sub	1.00			3363.00	
Recorder	0.00	13221	Below	3363.00	
Blank Spacing	63.00			3426.00	
Change Over Sub	1.00			3427.00	
Bullnose	3.00			3430.00	82.00 Bottom Packers & Anchor

Total Tool Length: 123.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Assoc.
1670 Broadway Ste 3300
Denver CO 80202
ATTN: Tom Fertal

Schepmann- Trust 1-27
27-17s-10w Ellsworth
Job Ticket: 23619 DST#: 1
Test Start: 2006.02.03 @ 10:33:55

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
382.00	Salt water	3.737
120.00	M cut salt water	1.683
2.00	Clean oil	0.028

Total Length: 504.00 ft Total Volume: 5.448 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

