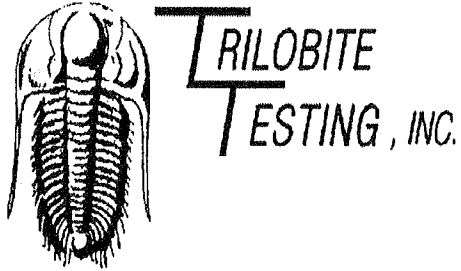


MJN MJN ZJN
25-18s-10w



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Associates**
 1670 Broadway Ste 3300
 Denver CO 80202

ATTN: Tom Fertal

25 18S10W Rice KS

Behnke Trust # 1-25

Start Date: 2006.07.27 @ 20:34:52

End Date: 2006.07.28 @ 03:47:52

Job Ticket #: 25140 DST #: 1

15-159-22490

KCC
NOV 09 2006
CONFIDENTIAL

Trilobite Testing, Inc
 PO Box 362 Hays, KS 67601
 ph: 785-625-4778 fax: 785-625-5620

Samuel Gary Associates

Behnke Trust # 1-25

25 18S10W Rice KS

DST # 1

L.Kc-H,I,J

2006.07.27



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Associates
 1670 Broadway Ste 3300
 Denver CO 80202
 ATTN: Tom Fertal

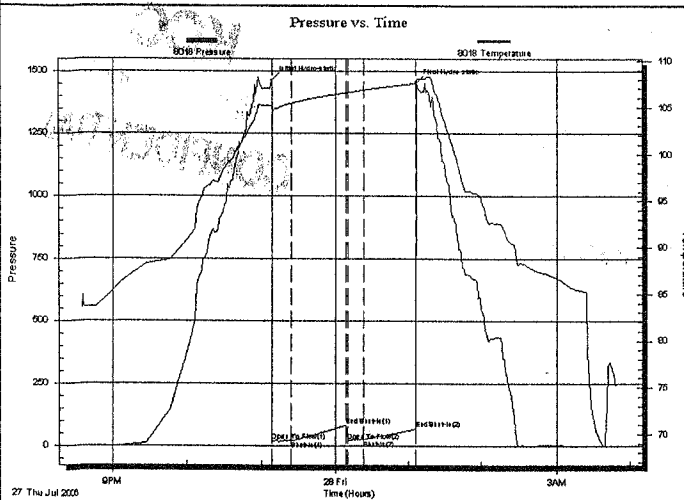
Behnke Trust # 1-25
25 18S10W Rice KS
 Job Ticket: 25140 DST#: 1
 Test Start: 2006.07.27 @ 20:34:52

GENERAL INFORMATION:

Formation: **L.Kc.-H,I,J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:08:52
 Time Test Ended: 03:47:52
 Test Type: Conventional Bottom Hole
 Tester: John Schmidt
 Unit No: 31
 Interval: **3027.00 ft (KB) To 3075.00 ft (KB) (TVD)**
 Total Depth: 3075.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1749.00 ft (KB)
 1739.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 23.84 psig @ 3030.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.07.27 End Date: 2006.07.28 Last Calib.: 2006.07.28
 Start Time: 20:34:57 End Time: 03:47:51 Time On Btm: 2006.07.27 @ 23:08:22
 Time Off Btm: 2006.07.28 @ 01:06:52

TEST COMMENT: FF Weak Dead 9 min
 ISI Dead
 FF Dead
 FSI Dead



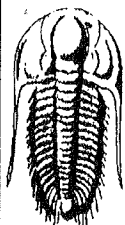
PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1465.07	105.22	Initial Hydro-static
1	18.98	104.46	Open To Flow (1)
16	20.66	105.46	Shut-In(1)
60	80.13	106.57	End Shut-In(1)
61	19.85	106.57	Open To Flow (2)
74	23.84	106.85	Shut-In(2)
118	68.06	107.59	End Shut-In(2)
119	1454.39	107.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	D.Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Associates

Behnke Trust # 1-25

1670 Broadway Ste 3300
Denver CO 80202

25 18S10W Rice KS

Job Ticket: 25140

DST#: 1

ATTN: Tom Fertal

Test Start: 2006.07.27 @ 20:34:52

Tool Information

Drill Pipe:	Length: 2749.00 ft	Diameter: 2.80 inches	Volume: 20.94 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 22.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3027.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	76.00 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			3000.00	
Shut In Tool	5.00			3005.00	
Hydraulic tool	5.00			3010.00	
Jars	5.00			3015.00	
Safety Joint	3.00			3018.00	
Packer	4.00			3022.00	28.00 Bottom Of Top Packer
Packer	5.00			3027.00	
Stubb	1.00			3028.00	
Perforations	1.00			3029.00	
Change Over Sub	1.00			3030.00	
Recorder	0.00	8018	Inside	3030.00	
Blank Spacing	31.00			3061.00	
Change Over Sub	1.00			3062.00	
Recorder	0.00	11084	Outside	3062.00	
Perforations	10.00			3072.00	
Bullnose	3.00			3075.00	48.00 Bottom Packers & Anchor
Total Tool Length:	76.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Associates

Behnke Trust # 1-25

1670 Broadway Ste 3300
Denver CO 80202

25 18S10W Rice KS

Job Ticket: 25140

DST#: 1

ATTN: Tom Fertal

Test Start: 2006.07.27 @ 20:34:52

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity:

ppm

Filter Cake:

inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	D.Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

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

Laboratory Name: Laboratory Location:

Recovery Comments:

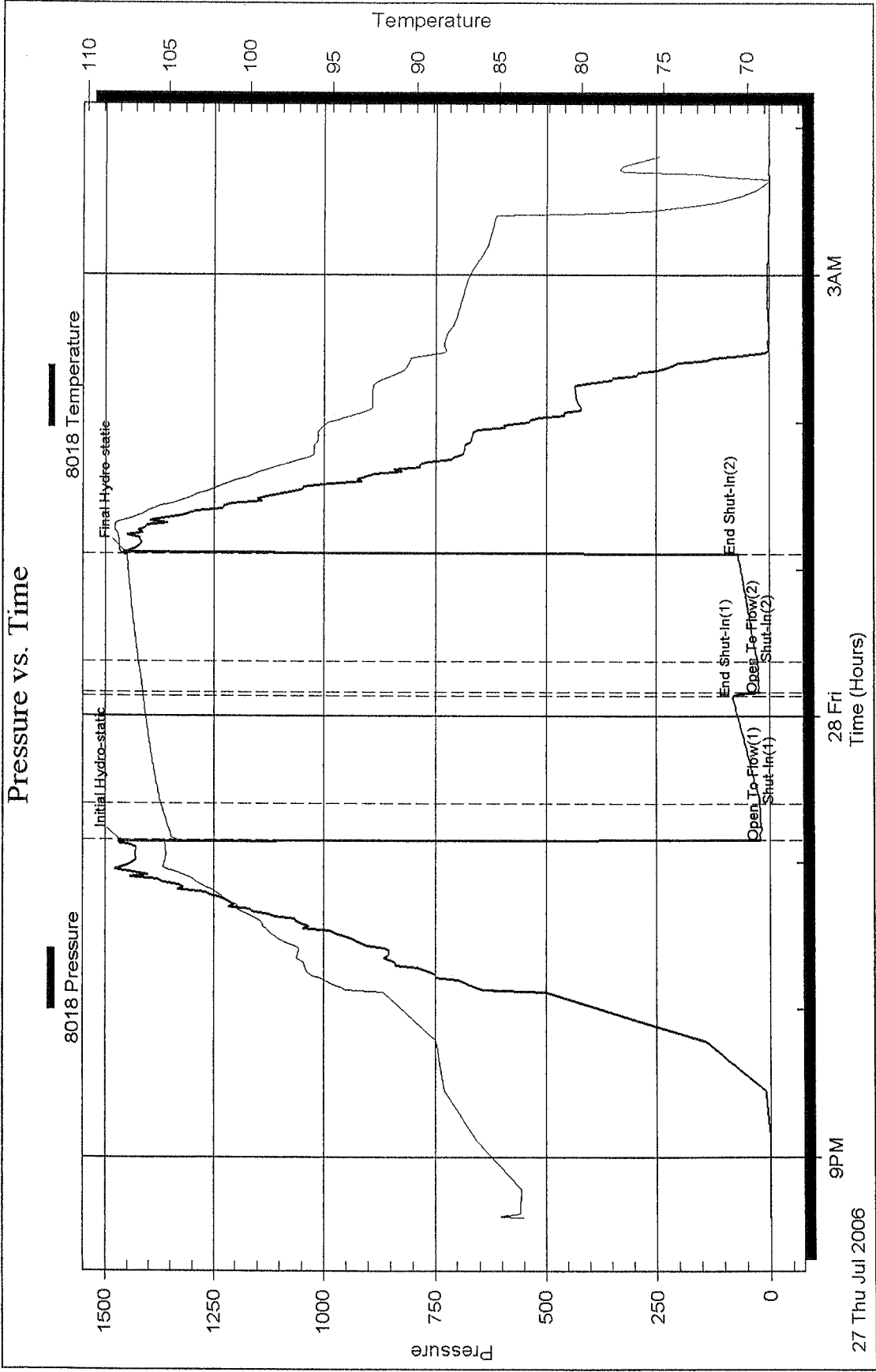
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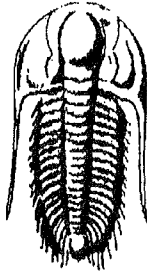
Inside

Samuel Gary Associates

25 18S10W Rice KS

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Associates**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

25 18S10W Rice KS

Behnke Trust # 1-25

Start Date: 2006.07.29 @ 01:03:38

End Date: 2006.07.29 @ 10:18:38

Job Ticket #: 25141 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Samuel Gary Associates

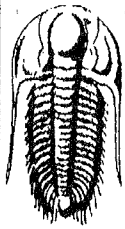
Behnke Trust # 1-25

25 18S10W Rice KS

DST # 2

Arbuckle

2006.07.29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Associates

Behnke Trust # 1-25

1670 Broadway Ste 3300
Denver CO 80202

25 18S10W Rice KS

Job Ticket: 25141

DST#: 2

ATTN: Tom Fertal

Test Start: 2006.07.29 @ 01:03:38

Tool Information

Drill Pipe:	Length: 2895.00 ft	Diameter: 2.80 inches	Volume: 22.05 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 40000.00 lb
			<u>Total Volume: 23.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3223.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 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			3196.00	
Shut In Tool	5.00			3201.00	
Hydraulic tool	5.00			3206.00	
Jars	5.00			3211.00	
Safety Joint	3.00			3214.00	
Packer	4.00			3218.00	28.00 Bottom Of Top Packer
Packer	5.00			3223.00	
Stubb	1.00			3224.00	
Recorder	0.00	8018	Inside	3224.00	
Perforations	12.00			3236.00	
Recorder	0.00	11084	Outside	3236.00	
Bullnose	3.00			3239.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Associates

Behnke Trust # 1-25

1670 Broadway Ste 3300
Denver CO 80202

25 18S10W Rice KS

Job Ticket: 25141

DST#: 2

ATTN: Tom Fertal

Test Start: 2006.07.29 @ 01:03:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

44 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

22000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	SW	1.525
120.00	GOWCM 10%G 5%O 40%W 45%M	0.914
100.00	CGassy Oil 10%G 90%O	0.762
0.00	220' GIP	0.000

Total Length: 530.00 ft

Total Volume: 3.201 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

