

DRILL STEM TEST REPORT

Prepared For: **Sam Gary & Associates**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

24 18 10 Rice KS

Behnke Trust - Stafford 1-24

Start Date: 2006.09.26 @ 18:20:00

End Date: 2006.09.27 @ 04:51:15

Job Ticket #: 26258 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

Sam Gary & Associates

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

Behnke Trust - Stafford 1-24

24 18 10 Rice KS

Job Ticket: 26258

DST#: 1

Test Start: 2006.09.26 @ 18:20:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:40

Time Test Ended: 04:51:15

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3253.00 ft (KB) To 3265.00 ft (KB) (TVD)**

Total Depth: 3265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1752.00 ft (KB)

1746.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6741 Inside

Press@RunDepth: 554.22 psig @ 3254.00 ft (KB)

Start Date: 2006.09.26

End Date:

2006.09.27

Start Time: 18:20:02

End Time:

04:51:15

Capacity: 7000.00 psig

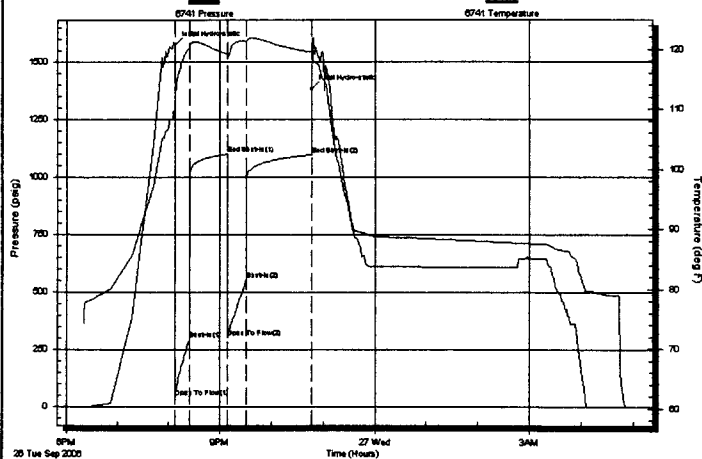
Last Calib.: 2006.09.27

Time On Btm: 2006.09.26 @ 20:07:20

Time Off Btm: 2006.09.26 @ 22:47:00

TEST COMMENT: IF Strong B-B in 2 min
ISI Weak blow back died in 10 min
FF Strong B-B in 2 min
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1575.44	109.72	Initial Hydro-static
1	43.16	109.62	Open To Flow(1)
18	297.76	120.36	Shut-In(1)
62	1099.53	119.18	End Shut-In(1)
63	305.73	118.84	Open To Flow(2)
84	554.22	121.31	Shut-In(2)
160	1096.47	119.53	End Shut-In(2)
160	1382.26	119.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	OCM 30%O 70%M	0.61
1551.00	CGsyO 10%G 90%O	16.10
0.00	185 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary & Associates

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

Behnke Trust - Stafford 1-24

24 18 10 Rice KS

Job Ticket: 26258

DST#: 1

Test Start: 2006.09.26 @ 18:20:00

Tool Information

Drill Pipe:	Length: 2998.00 ft	Diameter: 3.34 inches	Volume: 32.49 bbl	Tool Weight:	2000.00 lb	
Heavy Wt. Pipe:	Length: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight set on Packer:	20000.00 lb	
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	65000.00 lb	
			Total Volume:	33.69 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	42000.00 lb	
Depth to Top Packer:	3253.00 ft			Final	47000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	12.00 ft					
Tool Length:	41.00 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			3225.00	
Shut In Tool	5.00			3230.00	
Hydraulic tool	5.00			3235.00	
Jars	5.00			3240.00	
Safety Joint	3.00			3243.00	
Packer	5.00			3248.00	29.00 Bottom Of Top Packer
Packer	5.00			3253.00	
Stubb	1.00			3254.00	
Recorder	0.00	6741	Inside	3254.00	
Perforations	8.00			3262.00	
Recorder	0.00	13254	Outside	3262.00	
Bullnose	3.00			3265.00	12.00 Bottom Packers & Anchor

Total Tool Length: 41.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary & Associates

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Tom Fertal

Behnke Trust - Stafford 1-24

24 18 10 Rice KS

Job Ticket: 26258

DST#: 1

Test Start: 2006.09.26 @ 18:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.39 in³

Resistivity: ohm.m

Salinity: 6700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

40 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	OCM 30%O 70%M	0.610
1551.00	CGsyO 10%G 90%O	16.104
0.00	185 GIP	0.000

Total Length: 1675.00 ft

Total Volume: 16.714 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

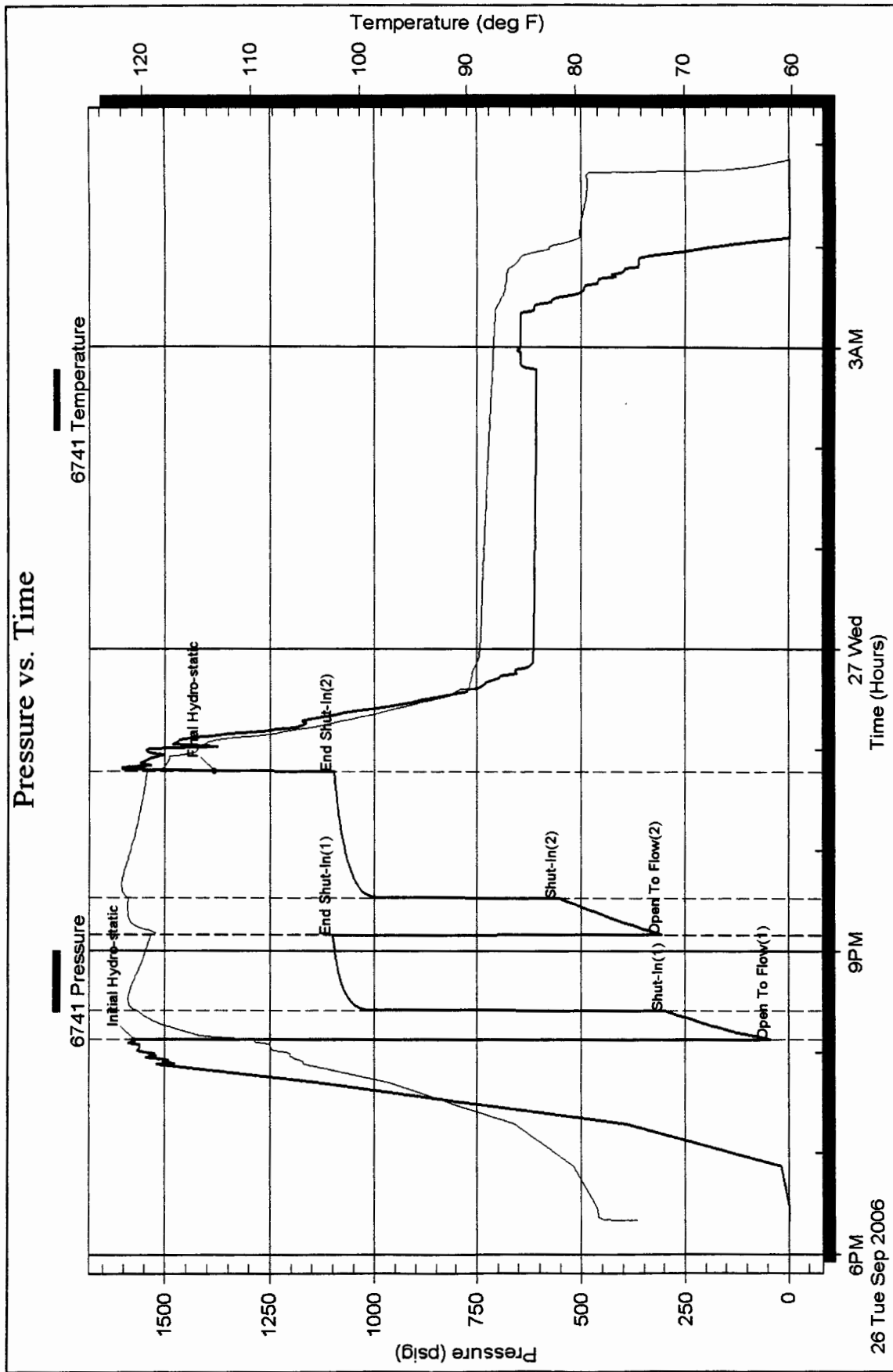
Serial #: 6741

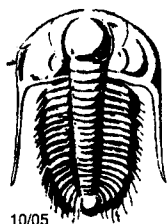
Inside

Sam Gary & Associates

24 18 10 Rice KS

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26258

9313

Test Ticket

Well Name & No. Behnke Trust-Stafford 1-24 Test No. 1 Date 9-26-06
 Company Sam Gary & Associates Zone Tested Arbuckle
 Address 1670 Broadway Blvd, Ste. 3300 Denver, Colo. 80202 Elevation 1752 KB 1746 GL
 Co. Rep / Geo. Tim Hedrick Rig Excell #10
 Location: Sec. 24 Twp. 18 Rge. 10 Co. Rice State KS
 Comment: _____ Release date / time: _____

Interval Tested 3253 — 3265 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 47,000
 Anchor Length 12 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 3248 Tool Weight 2000
 Bottom Packer Depth 3253 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3265 Wt. Pipe Run 183 Drill Collar Run 60
 Mud Wt. 9.1 LCM _____ Vis. 46 WL 8.4 Drill Pipe Size 4" FH Ft. Run 2998

Blow Description I.F. Strong - B-B in 2 min.
ISI - Weak blow back - died in 10 min.
E.F. Strong B-B in 2 min.
FST - No blow back

Recovery - Total Feet 1675 GIP 185 Ft. in DC 60 Ft. in DP 1432
 Rec. 1551 Feet of CGS 10 10 %gas 90 %oil _____ %water _____ %mud
 Rec. 124 Feet of OCM %gas 90 %oil _____ %water 70 %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 119 °F Gravity _____ °API D @ _____ °F Corrected Gravity 40 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6700 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No.	Test
(B) First Initial Flow Pressure	1566	PSI	(depth)	1100
(C) First Final Flow Pressure	43	PSI	Recorder No.	Jars <u>X</u> 250
(D) Initial Shut-In Pressure	297	PSI	(depth)	Safety Jt. <u>X</u> 75
(E) Second Initial Flow Pressure	1099	PSI	Recorder No.	Circ Sub _____
(F) Second Final Flow Pressure	305	PSI	(depth)	Sampler _____
(G) Final Shut-In Pressure	554	PSI	Initial Opening	Straddle _____
(Q) Final Hydrostatic Mud	1096	PSI	Initial Shut-In	Ext. Packer _____
	1477	PSI	Final Flow	Shale Packer _____
			Final Shut-In	Ruined Packer _____
			T-On Location	Mileage <u>156 RT 195</u>
			T-Started	Sub Total: _____
			T-Open	Std. By <u>275</u> <u>275</u>
			T-Pulled	Acc. Chg: <u>\$1895</u>
			T-Out	Other: _____
				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 Bangle

7 1711

CHART PAGE

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

