



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC.**

5893 Saddle Creek Trail
Parker Co. 80134

ATTN: Gator

33-9s-21w-Graham

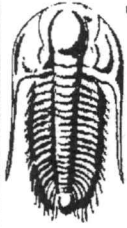
Allphin #1

Start Date: 2003.12.01 @ 23:40:01

End Date: 2003.12.02 @ 06:35:01

Job Ticket #: 18462 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

Shelby Resources LLC.

Allphin #1

5893 Saddle Creek Trail
Parker Co. 80134

33-9s-21w-Graham

Job Ticket: 18462

DST#: 1

ATTN: Gator

Test Start: 2003.12.01 @ 23:40:01

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:28:16

Time Test Ended: 06:35:01

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: **3841.00 ft (KB) To 3876.00 ft (KB) (TVD)**

Total Depth: 3876.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 2320.00 ft (KB)

2315.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6627 Inside

Press@RunDepth: 647.16 psig @ 3843.00 ft (KB)

Start Date: 2003.12.01

End Date:

2003.12.02

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 23:40:16

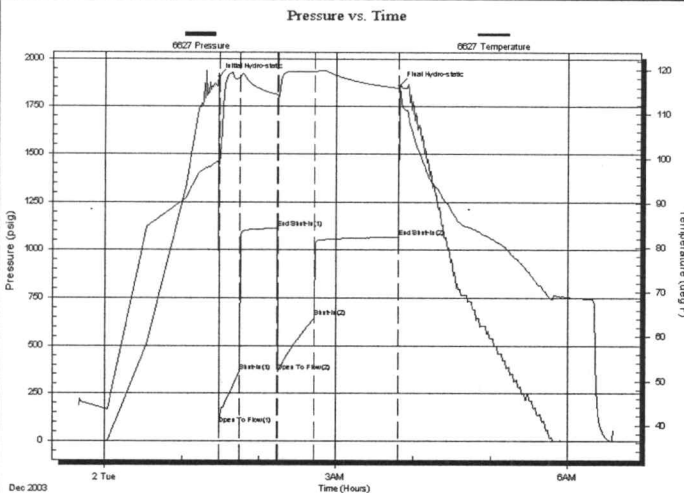
End Time:

06:35:01

Time On Btm: 2003.12.02 @ 01:28:01

Time Off Btm: 2003.12.02 @ 03:49:01

TEST COMMENT: IFP-Strong Blow, BOB in 2 min, Blow back Built to 4-1/2"
FFP-Strong Blow, BOB in 3 min, Blow back Built to 1-1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1905.06	99.01	Initial Hydro-static
1	86.32	98.58	Open To Flow (1)
17	362.71	118.21	Shut-In (1)
47	1112.53	114.43	End Shut-In (1)
47	364.06	114.15	Open To Flow (2)
76	647.16	119.52	Shut-In (2)
141	1068.49	115.92	End Shut-In (2)
141	1861.88	116.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Gassy Mud Cut Oil 30% Gas, 10% Mud,	60.59i
1425.00	Gassy Oil 30% Gas, 70% Oil	19.40

Gas Rates

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



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TOOL DIAGRAM

Shelby Resources LLC.
5893 Saddle Creek Trail
Parker Co. 80134
ATTN: Gator

Allphin #1
33-9s-21w-Graham
Job Ticket: 18462 **DST#: 1**
Test Start: 2003.12.01 @ 23:40:01

Tool Information

Drill Pipe:	Length: 3643.00 ft	Diameter: 3.80 inches	Volume: 51.10 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: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 52.01 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial lb
Depth to Top Packer:	3841.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	56.00 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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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3821.00	
Shut In Tool	5.00			3826.00	
Hydraulic tool	5.00			3831.00	
Packer	5.00			3836.00	21.00 Bottom Of Top Packer
Packer	5.00			3841.00	
Stubb	1.00			3842.00	
Perforations	1.00			3843.00	
Recorder	0.00	6627	Inside	3843.00	
Perforations	30.00			3873.00	
Recorder	0.00	13252	Outside	3873.00	
Bullnose	3.00			3876.00	35.00 Bottom Packers & Anchor

Total Tool Length: 56.00



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FLUID SUMMARY

Shelby Resources LLC.

Allphin #1

5893 Saddle Creek Trail
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Job Ticket: 18462

DST#: 1

ATTN: Gator

Test Start: 2003.12.01 @ 23:40:01

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Gassy Mud Cut Oil 30% Gas, 10% Mud, 60% C	0.590
1425.00	Gassy Oil 30% Gas, 70% Oil	19.397

Total Length: 1545.00 ft

Total Volume: 19.987 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 15 GIP

Pressure vs. Time

