

DRILL STEM TEST REPORT

Prepared For: **Shelby Resouces LLC**

5893 Saddle Creek Rrail
Parker CO 80134

ATTN: Jim Waechter

3--10s--21w

Rudman # 1

Start Date: 2005.04.03 @ 07:37:22

End Date: 2005.04.03 @ 14:12:52

Job Ticket #: 21128 DST #: 1

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

Shelby Resources LLC

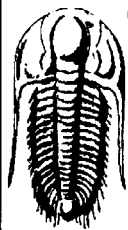
Rudman # 1

3--10s--21w

DST # 1

Arbuckle

2005.04.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Shelby Resouces LLC

Rudman # 1

5893 Saddle Creek Rail
Parker CO 80134

3-10s-21w

Job Ticket: 21128

DST#: 1

ATTN: Jim Waechter

Test Start: 2005.04.03 @ 07:37:22

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 09:34:52

Time Test Ended: 14:12:52

Test Type: **Conventional Straddle**

Tester: **John Schmidt**

Unit No: **31**

Interval: **3812.00 ft (KB) To 3858.00 ft (KB) (TVD)**

Reference Elevations: **2300.00 ft (KB)**

Total Depth: **3915.00 ft (KB) (TVD)**

2295.00 ft (CF)

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

KB to GR/CF: **5.00 ft**

Serial #: 8018

Inside

Press@RunDepth: **407.72 psig @ 3817.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.04.03**

End Date: **2005.04.03**

Last Calib.: **2005.04.03**

Start Time: **07:37:23**

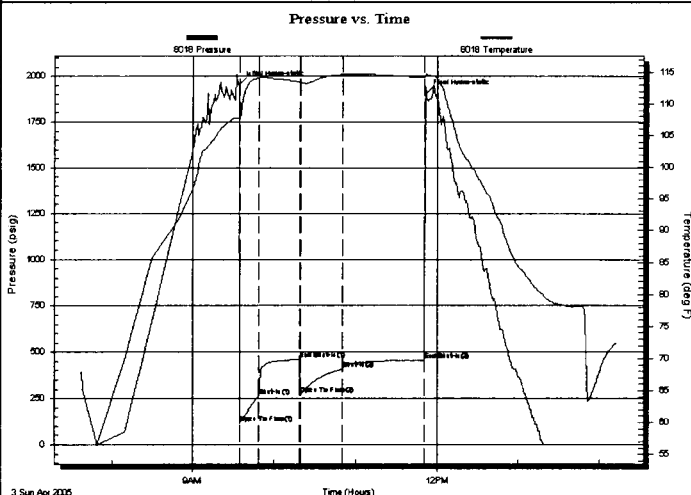
End Time: **14:12:52**

Time On Btmr: **2005.04.03 @ 09:33:52**

Time Off Btmr: **2005.04.03 @ 11:51:22**

TEST COMMENT: **F-Strong B.O.B.3 min.**
FF-Strong B.O.B.4 min.

ISI-Dead
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.97	107.77	Initial Hydro-static
1	112.68	107.56	Open To Flow (1)
15	261.02	114.11	Shut-In(1)
45	460.43	113.48	End Shut-In(1)
46	270.15	113.34	Open To Flow (2)
76	407.72	114.62	Shut-In(2)
136	456.40	114.17	End Shut-In(2)
138	1904.97	114.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
850.00	Muddy S.W 10%M--90%S.W.	10.80

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resouces LLC
5893 Saddle Creek Frail
Parker CO 80134
ATTN: Jim Waechter

Rudman # 1
3-10s-21w
Job Ticket: 21128 **DST#: 1**
Test Start: 2005.04.03 @ 07:37:22

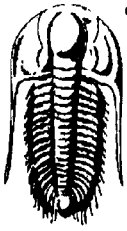
Tool Information

Drill Pipe:	Length: 3699.00 ft	Diameter: 3.80 inches	Volume: 51.89 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 52.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3812.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	3858.00 ft			
Interval between Packers:	46.00 ft			
Tool Length:	123.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3793.00	
Shut In Tool	5.00			3798.00	
Hydraulic tool	5.00			3803.00	
Packer	4.00			3807.00	20.00 Bottom Of Top Packer
Packer	5.00			3812.00	
Stubb	1.00			3813.00	
Perforations	3.00			3816.00	
Change Over Sub	1.00			3817.00	
Recorder	0.00	8018	Inside	3817.00	
Blank Spacing	31.00			3848.00	
Change Over Sub	1.00			3849.00	
Recorder	0.00	11084	Outside	3849.00	
Perforations	8.00			3857.00	
Blank Off Sub	1.00			3858.00	46.00 Tool Interval
Packer	1.00			3859.00	
Perforations	15.00			3874.00	
Change Over Sub	1.00			3875.00	
Blank Spacing	31.00			3906.00	
Change Over Sub	1.00			3907.00	
Perforations	5.00			3912.00	
Recorder	0.00	13308	Below	3912.00	
Bullnose	3.00			3915.00	57.00 Bottom Packers & Anchor
Total Tool Length:	123.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC
5893 Saddle Creek Trail
Parker CO 80134
ATTN: Jim Waechter

Rudman # 1
3-10s-21w
Job Ticket: 21128 **DST#: 1**
Test Start: 2005.04.03 @ 07:37:22

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:	27000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 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
850.00	Muddy S.W 10%M-90%S.W.	10.803

Total Length: 850.00 ft Total Volume: 10.803 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

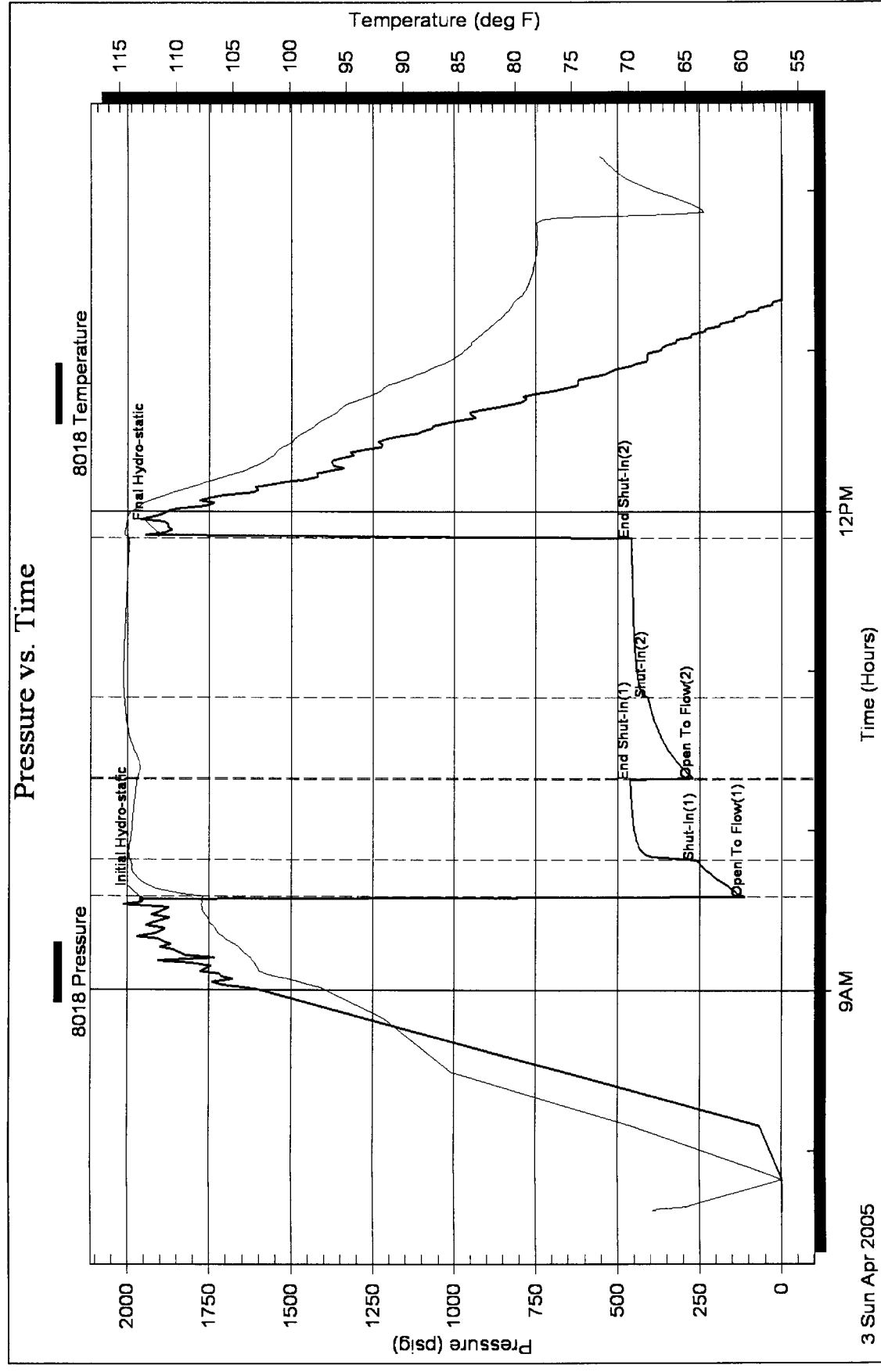
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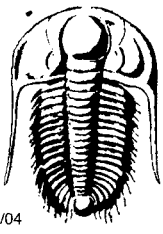
Inside

Shelby Resources LLC

3--10s--21w

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV
1344

No 21128

Test Ticket

Well Name & No. RUDMAN #1 Test No. #1 Date 4-3-05
 Company SHELBY RESOURCES, LLC. Zone Tested ARBUCKLE
 Address 5893 SADDLE CREEK TRAIL PARKER CO. 80134 Elevation 2200 KB 2295 GL
 Co. Rep / Geo. KRIS KENNEDY Cont. MURFIN #8 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 3 Twp. 10 S Rgd. 21 W Co. GRAHAM State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3812 To 3858 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 46,000
 Anchor Length 46' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 380743812 Tool Weight 2,400
 Bottom Packer Depth 3858 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3915 Wt. Pipe Run 0 Drill Collar Run 123
 Mud Wt. 9.3 LCM 3# Vis. 55 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 123699
 Blow Description IF - STRONG B.O.B. 3-MIN. ISI - DEAD
FF - STRONG B.O.B. 4-MIN. FSI - DEAD

Recovery - Total Feet 850 GIP - Ft. in DC 123 Ft. in DP 727
 Rec. 850 Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 114 °F Gravity - °API D @ - °F Corrected Gravity - °API
 RW 21 @ 85 °F Chlorides 27,000 ppm Recovery - Chlorides 2,000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1954</u> PSI	<u>8018</u>	<u>STRADDLE 900</u>
(B) First Initial Flow Pressure		<u>112</u> PSI	(depth) <u>3817</u>	Jars _____
(C) First Final Flow Pressure		<u>261</u> PSI	Recorder No. <u>11084</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>460</u> PSI	(depth) <u>3849</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>270</u> PSI	Recorder No. <u>13308</u>	Sampler _____
(F) Second Final Flow Pressure		<u>407</u> PSI	(depth) <u>3911</u>	Straddle <input checked="" type="checkbox"/> <u>250</u>
(G) Final Shut-In Pressure		<u>456</u> PSI	Initial Opening <u>15</u>	Ext. Packer <input checked="" type="checkbox"/> <u>150</u>
(Q) Final Hydrostatic Mud		<u>1904</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By [Signature]
 Our Representative John J. Schmitt

Final Flow 30 Ruined Packer _____
 Final Shut-In 60 Mileage RT. 90 90
 T-On Location 06:30 Sub Total: 1390
 T-Started 07:37 Std. By [Signature]
 T-Open 09:34 Other _____
 T-Pulled 11:51 Total: _____
 T-Out 14:12

CHART PAGE

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

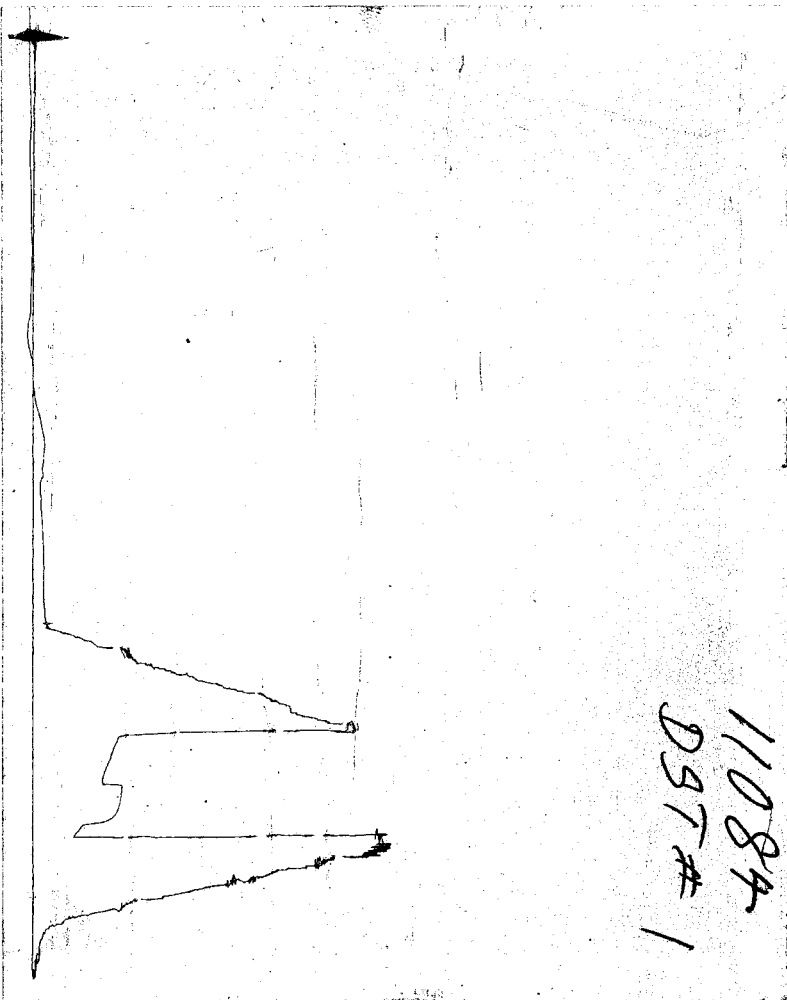


CHART PAGE
This is a photocopy of the actual AK-1 recorder chart.

