15-065-23016 33-9s-21w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

5893 Saddle Creek Trail
Parker, Co 80134

ATTN: Jim Waechter

33-9s-21w Graham

Allphin #4

Start Date: 2004.12.20 @ 09:48:18
End Date: 2004.12.20 @ 18:12:47
Job Ticket #: 21187 DST #: 1

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

DRILL STEM TEST REPORT

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5893 Saddle Creek Trail
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Job Ticket: 21187 **DST#: 1**

Test Start: 2004.12.20 @ 09:48:18

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:44:47
Time Test Ended: 18:12:47

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

Interval: 3864.00 ft (KB) To 3904.00 ft (KB) (TVD)
Total Depth: 3904.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

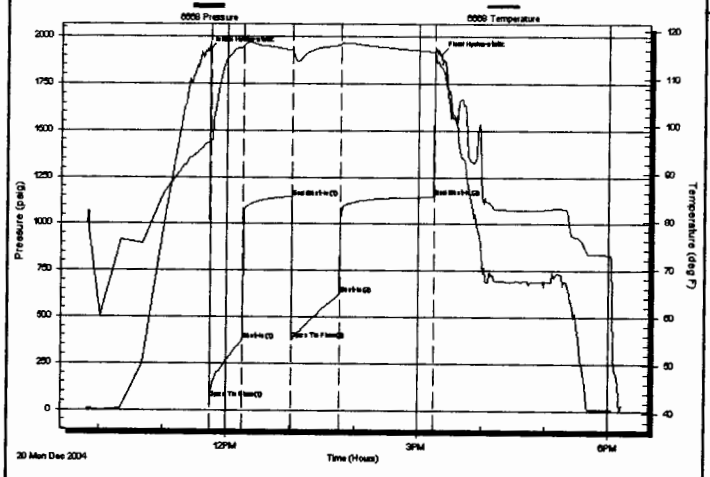
Reference Elevations: 2334.00 ft (KB)
2329.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 622.02 psig @ 3870.01 ft (KB)
Start Date: 2004.12.20 End Date: 2004.12.20
Start Time: 09:48:18 End Time: 18:12:47

Capacity: 7000.00 psig
Last Calib.: 2004.12.20
Time On Btm: 2004.12.20 @ 11:42:17
Time Off Btm: 2004.12.20 @ 15:20:17

TEST COMMENT: IFP-w k to strg in 3 min
FFP-w k to strg in 5 min
Times 30-45-45-90
ISIP-1/4"bl bk FSIP-surface bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.82	96.55	Initial Hydro-static
3	59.21	97.01	Open To Flow (1)
33	374.88	116.57	Shut-In(1)
78	1142.45	115.77	End Shut-In(1)
79	377.15	115.48	Open To Flow (2)
124	622.02	116.98	Shut-In(2)
213	1144.11	115.51	End Shut-In(2)
218	1902.69	112.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MGO 15%gas 65%oil 20%mud	0.89
1300.00	Clean Oil	18.24

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

5893 Saddle Creek Trail
Parker, Co 80134

ATTN: Jim Waechter

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Job Ticket: 21187 **DST#: 1**

Test Start: 2004.12.20 @ 09:48:18

Tool Information

Drill Pipe:	Length:	3678.00 ft	Diameter:	3.80 inches	Volume:	51.59 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	52.48 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		15.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		3864.00 ft						Final	50000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		40.02 ft							
Tool Length:		61.02 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			3844.00		
Shut In Tool	5.00			3849.00		
Hydraulic tool	5.00			3854.00		
Packer	5.00			3859.00	21.00	Bottom Of Top Packer
Packer	5.00			3864.00		
Stubb	1.00			3865.00		
Perforations	5.00			3870.00		
Recorder	0.01	6668	Inside	3870.01		
Perforations	31.00			3901.01		
Recorder	0.01	13534	Outside	3901.02		
Bullnose	3.00			3904.02	40.02	Bottom Packers & Anchor
Total Tool Length:	**61.02**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

5893 Saddle Creek Trail
Parker, Co 80134

ATTN: Jim Waechter

Allphin #4

33-9s-21w Graham

Job Ticket: 21187 **DST#: 1**

Test Start: 2004.12.20 @ 09:48:18

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	23 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3100.00 ppm				
Filter Cake:	1.00 inches				

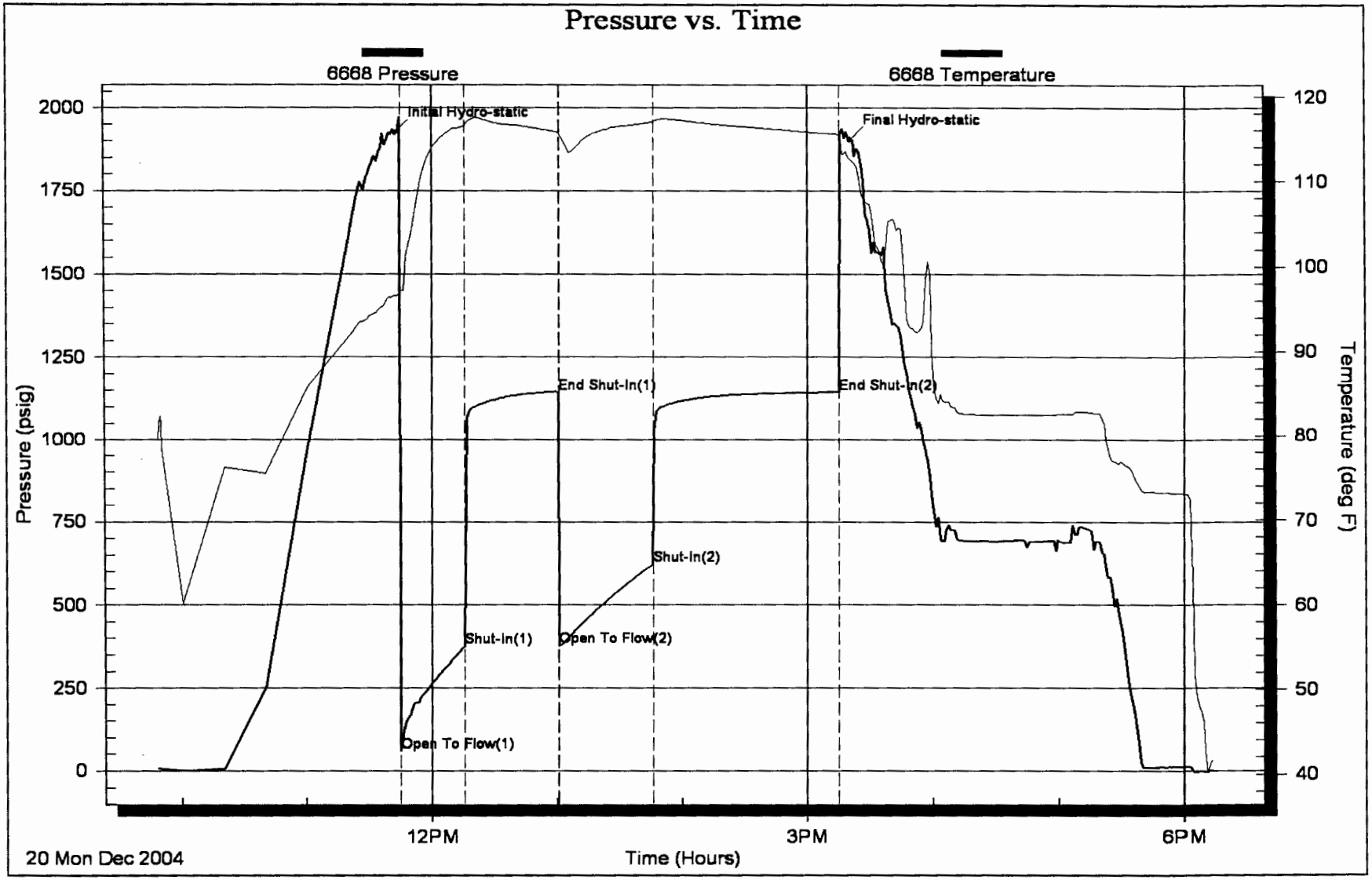
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MGO 15%gas 65%oil 20%mud	0.885
1300.00	Clean Oil	18.236

Total Length: 1480.00 ft Total Volume: 19.121 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow(2)
Open To Flow(1)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
40
12PM
3PM
6PM
20 Mon Dec 2004
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9/04

INV 2064

№ 21187

Test Ticket

Well Name & No. Allphin #4 Test No. 1 Date 12-20-04

Company Shelby Resources LLC Zone Tested Arbuckle

Address 5893 Saddle Creek Trail Parker, Co 80134 Elevation 2334 KB 2329 GL

Co. Rep / Geo. Jeff Zoller Cont. Murfin 8 Est. Ft. of Pay — Por. — %

Location: Sec. 33 Twp. 9S Rge. 21W Co. Graham State Ks

No. of Copies Reg Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3864 - 3904 Initial Str Wt./Lbs. 40000 Unseated Str Wt/Lbs. 50000

Anchor Length 40 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 65000

Top Packer Depth 3859 Tool Weight 2200

Bottom Packer Depth 3864 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3904 Wt. Pipe Run — Drill Collar Run 180

Mud Wt. 9.4 LCM 2# Vis. 51 WL 7.2 Drill Pipe Size 4½XH Ft. Run 3678

Blow Description IFP - WEAK TO STRONG IN 3 MIN
FFP - WEAK TO STRONG IN 5 MIN
ISIP - ¼" BLOW BACK
FSIP - SURFACE BLOW

Recovery - Total Feet 1480 GIP _____ Ft. in DC 180 Ft. in DP 1300

Rec. 1300	Feet of CLEAN OIL	%gas	%oil	%water	%mud
Rec. 180	Feet of MCO	15 %gas	65 %oil	%water 20	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 115 °F Gravity 22 °API D @ 50 °F Corrected Gravity 23 °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 3100 ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1923 PSI	Recorder No.	6668	Test ✓	
(B) First Initial Flow Pressure		59 PSI	(depth)	3870	Jars	
(C) First Final Flow Pressure		374 PSI	Recorder No.	13534	Safety Jt.	
(D) Initial Shut-In Pressure		1142 PSI	(depth)	3901	Circ Sub ✓	
(E) Second Initial Flow Pressure		377 PSI	Recorder No.	—	Sampler	
(F) Second Final Flow Pressure		622 PSI	(depth)	—	Straddle	
(G) Final Shut-In Pressure		1144 PSI	Initial Opening	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1902 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	90	Mileage ✓ 94 RT	
			Location	0400	Sub Total:	1029
			T-Started	0948	Std. By Job	120
			T-Open	1145		120
			T-Pulled	1515		
			T-Out	1812		

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Approved By J. Wachter

Our Representative Ray Schwager Thank you

CHART PAGE

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