



DRILL STEM TEST REPORT

Prepared For: **Oil Producers**

1710 Waterfront Parkway
Wichita KS 67206

ATTN: Paul G.

29 33 21 Clark KS

Bouziden 1-29

Start Date: 2006.06.14 @ 14:00:49

End Date: 2006.06.15 @ 00:21:49

Job Ticket #: 24462 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



Oil Producers

ATTN: Paul G.

Bouziden 1-29

29 33 21 Clark KS

Job Ticket: 24462

DST#: 1

Test Start: 2006.06.14 @ 14:00:49

Formation: **Atoka**

Deviated:	No	Whipstock:	ft (KB)
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Time Tool Opened: 17:09:04

Time Test Ended: 00:21:49

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 5295.00 ft (KB) To 5366.00 ft (KB) (TVD)

Total Depth: 5366.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 1917.00 ft (KB)

1905.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6751

Inside

Press@RunDepth: 344.40 psig @ 5331.00 ft (KB)

Start Date: 2006.06.14

End Date:

2006.06.15

Start Time: 14:00:50

End Time:

00:21:49

Capacity: 7000.00 psia

7000.00 psig

Last Calib.: 1899.12.30

1899.12.30

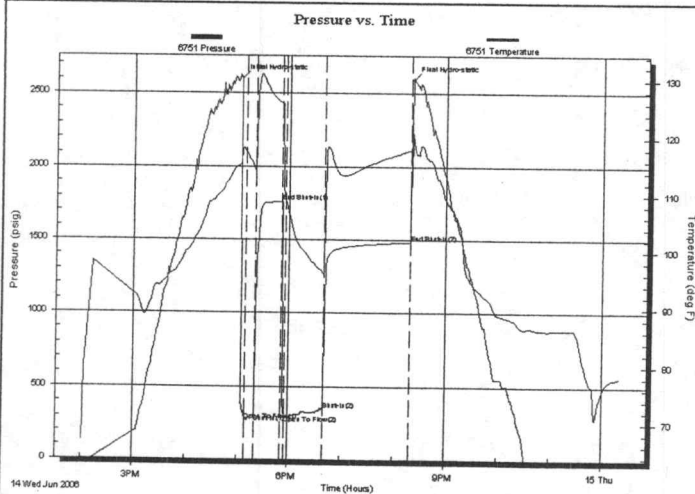
Time On Btm: 2006.06.14 @ 17:04:04

2006.06.14 @ 17:04:04

Time Off Btm: 2006.06.14 @ 20:21:19

2006.06.14 @ 20:21:19

TEST COMMENT: IF Strong blow BOB ASAO GTS 6 min
ISI Weak surface blow
FF Strong blow BOB GTS ASAO
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2600.00	115.50	Initial Hydro-static
5	262.29	117.59	Open To Flow (1)
17	311.90	114.02	Shut-In(1)
47	1758.99	126.05	End Shut-In(1)
52	301.29	109.22	Open To Flow (2)
97	344.40	95.91	Shut-In(2)
195	1482.50	117.88	End Shut-In(2)
198	2589.72	117.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	5%G 95%M w /scum of Oil	2.04

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	30.00	299.51
Last Gas Rate	1.00	35.00	1420.19
Max. Gas Rate	0.50	100.00	771.71



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers

Bouziden 1-29

1710 Waterfront Parkway
Wichita KS 67206

29 33 21 Clark KS

Job Ticket: 24462

DST#: 1

ATTN: Paul G.

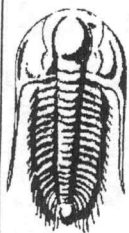
Test Start: 2006.06.14 @ 14:00:49

Tool Information

Drill Pipe:	Length: 5230.00 ft	Diameter: 3.80 inches	Volume: 73.36 bbl	Tool Weight:	1800.00 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: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 73.66 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	67000.00 lb
Depth to Top Packer:	5295.00 ft			Final	67000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	71.00 ft				
Tool Length:	99.00 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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Change Over Sub	1.00			5268.00	
Shut In Tool	5.00			5273.00	
Hydraulic tool	5.00			5278.00	
Jars	5.00			5283.00	
Safety Joint	3.00			5286.00	
Packer	5.00			5291.00	28.00 Bottom Of Top Packer
Packer	4.00			5295.00	
Stubb	1.00			5296.00	
Perforations	1.00			5297.00	
Change Over Sub	1.00			5298.00	
Drill Pipe	32.00			5330.00	
Change Over Sub	1.00			5331.00	
Recorder	0.00	6751	Inside	5331.00	
Perforations	31.00			5362.00	
Recorder	0.00	11018	Inside	5362.00	
Bullnose	4.00			5366.00	71.00 Bottom Packers & Anchor
Total Tool Length:	99.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers

Bouziden 1-29

1710 Waterfront Parkway
Wichita KS 67206

29 33 21 Clark KS

Job Ticket: 24462

DST#: 1

ATTN: Paul G.

Test Start: 2006.06.14 @ 14:00:49

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	5%G 95%M w /scum of Oil	2.044

Total Length: 186.00 ft

Total Volume: 2.044 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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DRILL STEM TEST REPORT

GAS RATES

Oil Producers

Bouziden 1-29

1710 Waterfront Parkway
Wichita KS 67206

29 33 21 Clark KS

Job Ticket: 24462

DST#: 1

ATTN: Paul G.

Test Start: 2006.06.14 @ 14:00:49

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	5	0.50	30.00	299.51
1	10	0.50	80.00	636.79
1	15	0.50	100.00	771.71
2	10	1.00	30.00	1276.45
2	20	1.00	32.00	1333.94
2	30	1.00	34.00	1391.44
2	40	1.00	35.00	1420.19

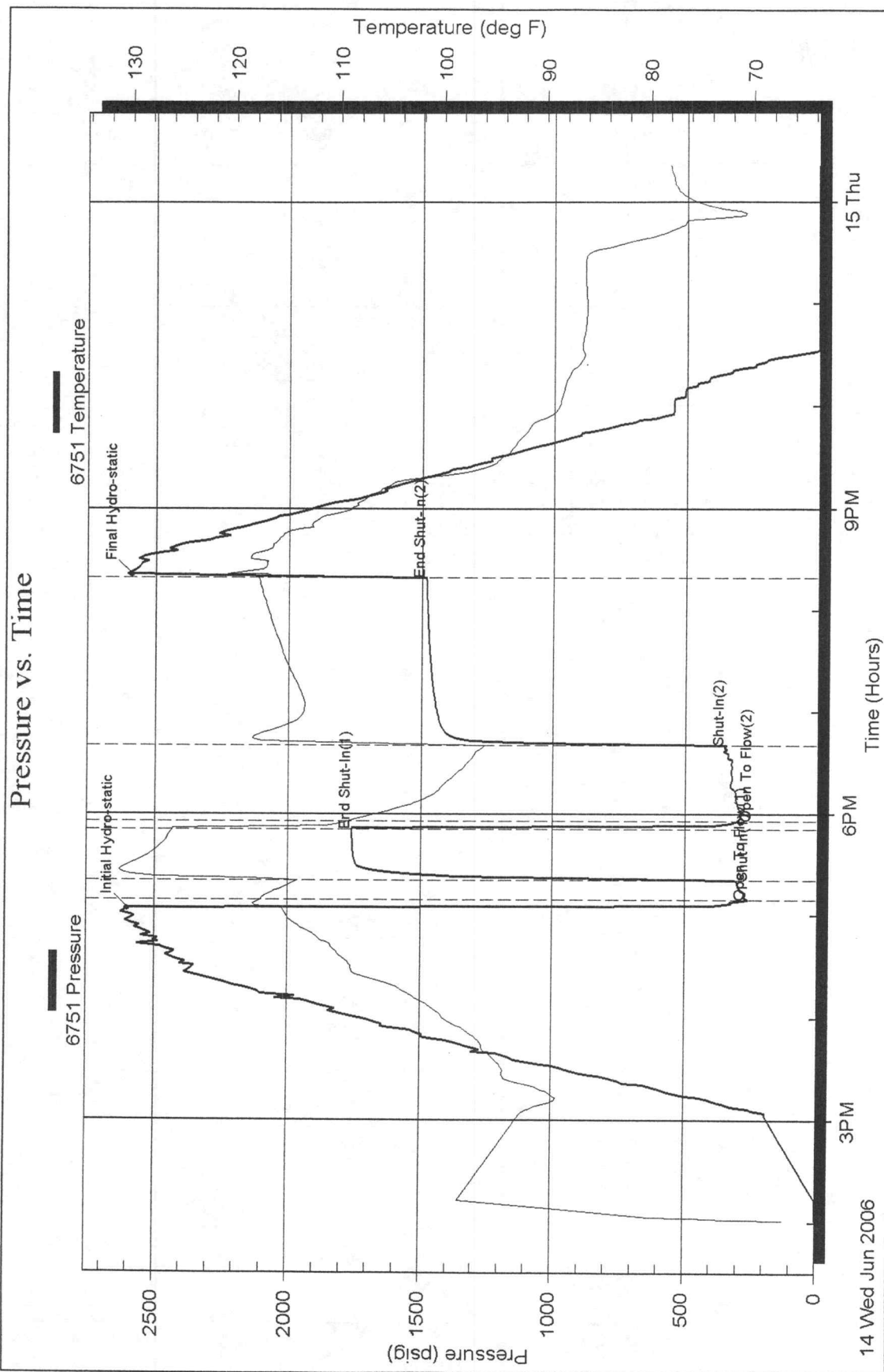
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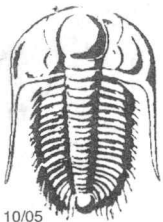
Inside

Oil Producers

29 33 21 Clark KS

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 24462

Test Ticket

Well Name & No. Booziden 1-29 Test No. #1 Date 6-14-06
 Company Oil Producers Zone Tested Atoka
 Address 1710 Waterfont Parkway, Wichita Ks 67206 Elevation 1917 KB 1905 GL
 Co. Rep / Geo. Paul G. Rig Mud-Lin #2
 Location: Sec. 29 Twp. 33 Rge. 21 Co. Clark State Ks
 Comment: _____ Release date / time: _____

Interval Tested 5295 - 5366 Initial Str Wt./Lbs. 67K Unseated Str Wt./Lbs. 67K
 Anchor Length 71 Wt. Set Lbs. 25K Wt. Pulled Loose/Lbs. 35K
 Top Packer Depth 5290 Tool Weight 1800
 Bottom Packer Depth 5295 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 5366 Wt. Pipe Run 0 Drill Collar Run 62
 Mud Wt. 9.2 LCM 5 Vis. 55 WL 10.4 Drill Pipe Size 4.5 x H Ft. Run 5230
 Blow Description IF - Strong blow, BOB, AS40, GTS 6 min.
ISI - Weak surface blow.
EF - Strong blow, GTS, BOB, AS40.
ESI - No blow back

Recovery - Total Feet 186 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 186 Feet of 5 %gas 500M %oil _____ %water 95 %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 118 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2625 PSI	Recorder No.	6751	Test	1200 ⁰⁰
(B) First Initial Flow Pressure			262 PSI	(depth)	5298	Jars	250 ⁰⁰
(C) First Final Flow Pressure			312 PSI	Recorder No.	11618	Safety Jt.	75 ⁰⁰
(D) Initial Shut-In Pressure			1759 PSI	(depth)	5366	Circ Sub	
(E) Second Initial Flow Pressure			301 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			344 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			1483 PSI	Initial Opening	15	Ext. Packer	
(Q) Final Hydrostatic Mud			2607 PSI	Initial Shut-In	30	Shale Packer	
				Final Flow	45	Ruined Packer	x2 = 400 ⁰⁰
				Final Shut-In	90	Mileage	280 ⁰⁰
				T-On Location	100 AM	Sub Total:	2225
				T-Started	200 PM	Std. By	x2 = 100 ⁰⁰
				T-Open	530 PM	Acc. Chg:	
				T-Pulled	830 PM	Other:	
				T-Out	100 AM	Total:	2305 ⁰⁰

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Approved By Paul G. Gubler
 Our Representative Barry D. Dill

GAS VOLUME REPORT

Oil Producers

OPERATOR

Booziden

1-2d

WELL NAME AND NO.

#1

DST NO.

1st Flow

2nd Flow

[illegible]

Remarks:

CHART PAGE

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

