



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Charles N. Griffin**

PO Box 347
Pratt KS 67124

ATTN: Bruce Reed

Koblitz #6x

26-34s-9w Harper,KS

Start Date: 2012.06.02 @ 18:21:48

End Date: 2012.06.03 @ 03:09:33

Job Ticket #: 47542 DST #: 1

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

ORIGINAL

Printed: 2012.06.08 @ 14:36:17

Charles N. Griffin
26-34s-9w Harper,KS
Koblitz #6x
DST # 1
Miss.
2012.06.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charles N. Griffin

26-34s-9w Harper,KS

PO Box 347
Pratt KS 67124

Koblitz #6x

Job Ticket: 47542

DST#: 1

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:56:18

Time Test Ended: 03:09:33

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **4609.00 ft (KB) To 4634.00 ft (KB) (TVD)**

Reference Elevations: 1282.00 ft (KB)

Total Depth: 4634.00 ft (KB) (TVD)

1274.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8352 Inside

Press@RunDepth: 14.44 psig @ 4610.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.02 End Date: 2012.06.03

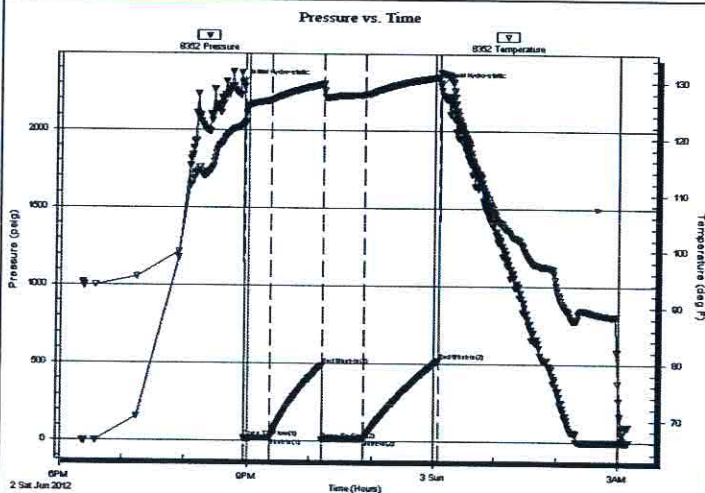
Last Calib.: 2012.06.03

Start Time: 18:21:53 End Time: 03:09:33

Time On Btm: 2012.06.02 @ 20:53:48

Time Off Btm: 2012.06.03 @ 00:05:48

TEST COMMENT: IF:Strong blow . B.O.B. in 2 - 3 secs.
ISI:No blow .
FF:Strong blow . B.O.B. in 2 secs.
FSI:Weak blow . 1/2" decreasing.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2301.59	122.26	Initial Hydro-static
3	17.61	122.38	Open To Flow (1)
28	18.18	126.70	Shut-In(1)
78	490.78	129.62	End Shut-In(1)
79	9.24	129.35	Open To Flow (2)
119	14.44	127.69	Shut-In(2)
191	521.20	130.86	End Shut-In(2)
192	2290.06	131.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Drig.mud	0.12
0.00	2105 ft.of GIP	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Charles N. Griffin

26-34s-9w Harper, KS

PO Box 347
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Job Ticket: 47542

DST#: 1

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

Tool Information

Drill Pipe:	Length: 4495.00 ft	Diameter: 3.80 inches	Volume: 63.05 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	76000.00 lb
			<u>Total Volume: 63.64 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4609.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4590.00	
Shut in tool	5.00			4595.00	
HMV	5.00			4600.00	
Packer	4.00			4604.00	20.00 Bottom Of Top Packer
Packer	5.00			4609.00	
Stubb	1.00			4610.00	
Recorder	0.00	8352	Inside	4610.00	
Recorder	0.00	8370	Outside	4610.00	
Perforations	19.00			4629.00	
Bullnose	5.00			4634.00	25.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Charles N. Griffin

26-34s-9w Harper, KS

PO Box 347
Pratt KS 67124

Koblitz #6x

Job Ticket: 47542

DST#: 1

ATTN: Bruce Reed

Test Start: 2012.06.02 @ 18:21:48

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:	9500 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 9500.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Drlg.mud	0.123
0.00	2105 ft.of GIP	0.000

Total Length: 25.00 ft Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM 8#/bbl

Serial #: 8352

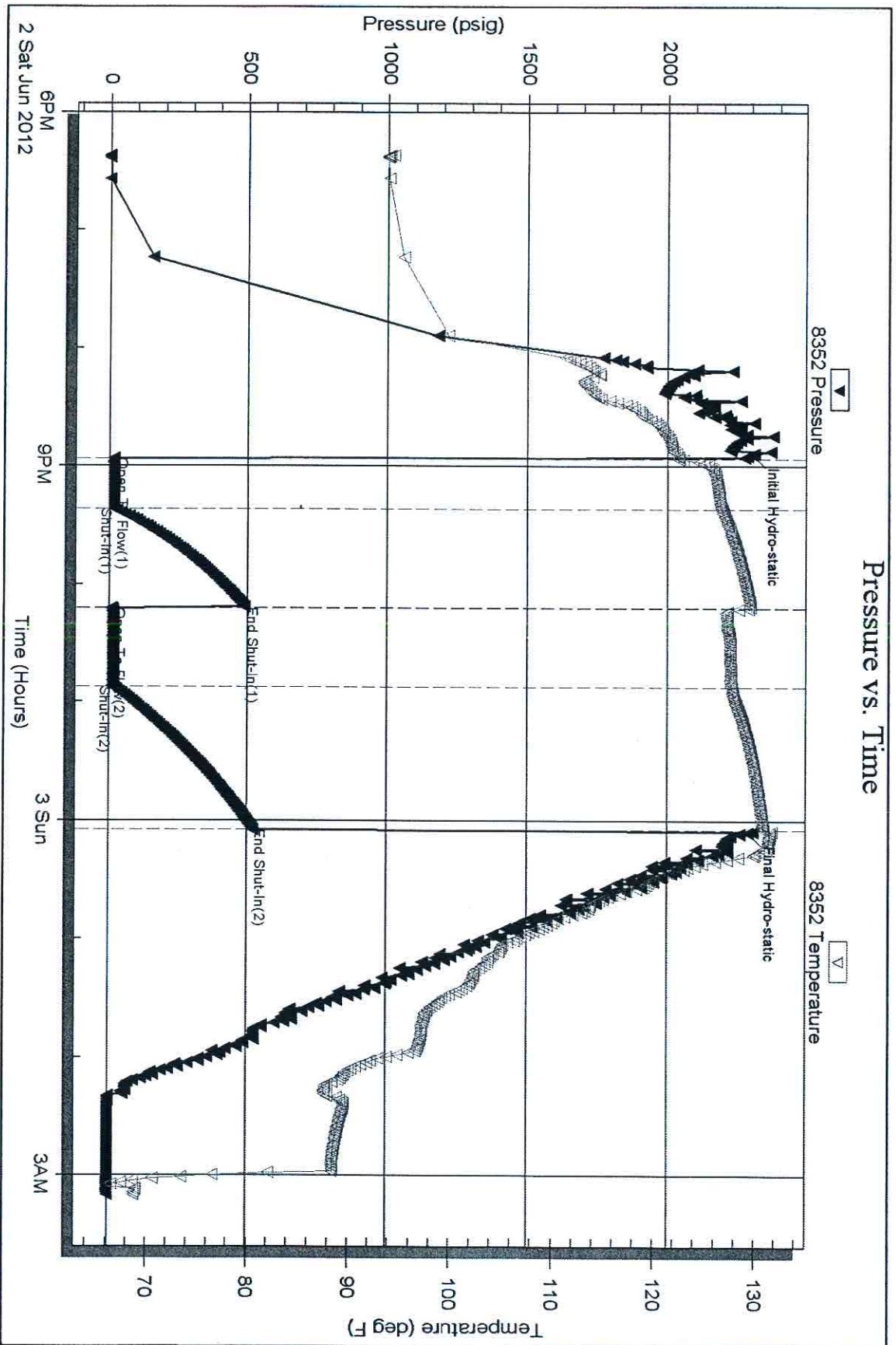
Inside

Charles N. Griffin

Kobitz #6x

DST Test Number: 1

Pressure vs. Time

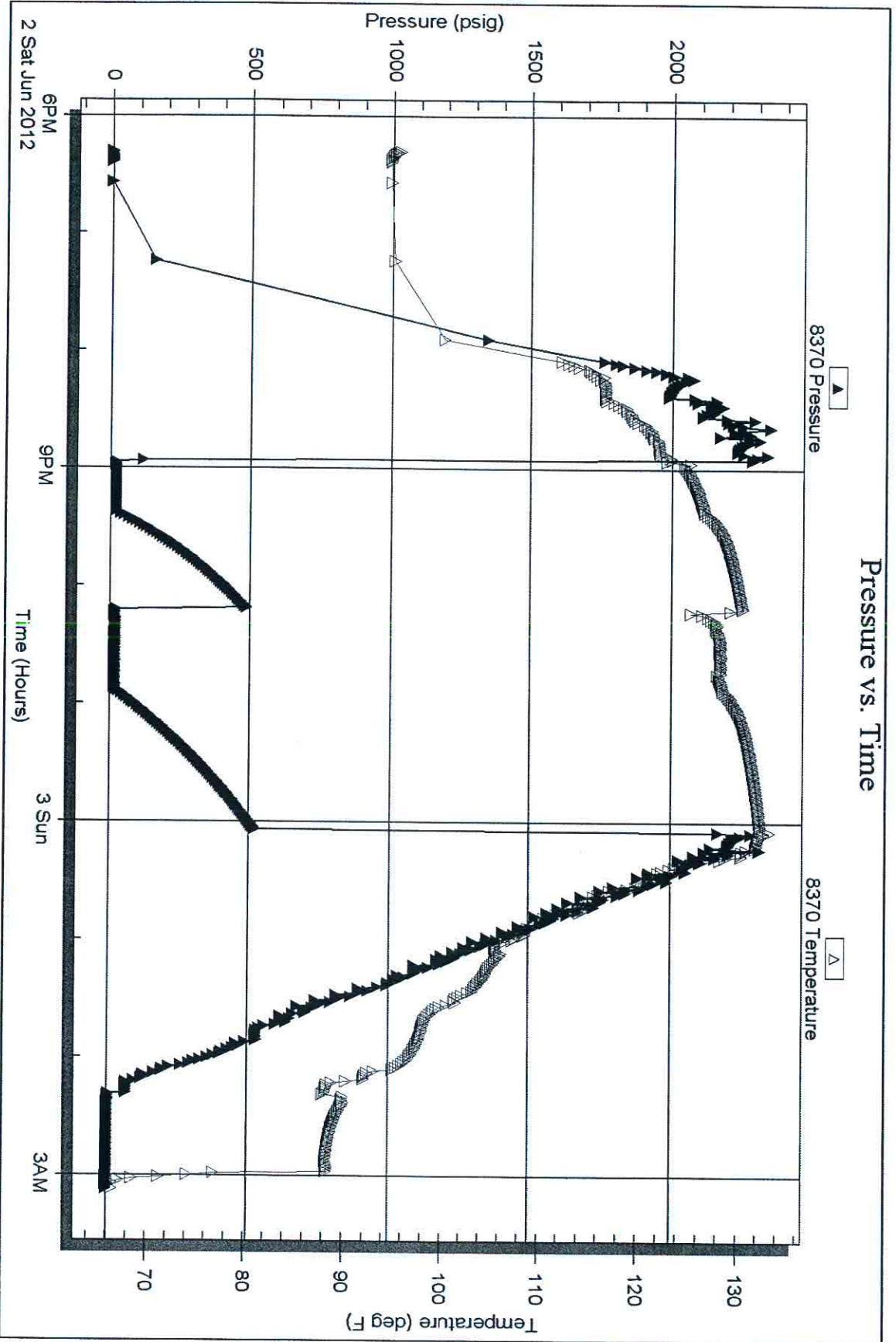


Serial #: 8370

Outside Charles N Griffin

Kobitz #6x

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47542

Well Name & No. KOBLITZ # CX Test No. 1 Date 6-2-12
 Company CHARLES N. GRIFFIN Elevation 1282 KB 1274 GL
 Address P.O. Box 347, PRATT KS. 67124
 Co. Rep / Geo. BRUCE REED Rig FOSSIL DRUG. #2
 Location: Sec. 26 Twp. 34 S Rge. 9 W Co. HARPER State KS

Interval Tested 4609 - 4634' Zone Tested MISS.
 Anchor Length 25' Drill Pipe Run 4495' Mud Wt. 9.0
 Top Packer Depth 4604' Drill Collars Run 120' Vis 46
 Bottom Packer Depth 4609' Wt. Pipe Run 0 WL 12.8 cc
 Total Depth 4634' Chlorides 9500 ppm System LCM 8 #
 Blow Description IF: Strong blow. B.O.B. in 2-3 secs. ISI. No blow.

FF: Strong blow B.O.B. in 2 secs. FSI: Weak blow. 1/2" decreasing.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2105</u>	<u>GIP</u>				
<u>25</u>	<u>Reg Mud</u>				

Rec Total 25 BHT 1310 Gravity N/A API RW N.C. @ — °F Chlorides 9500 ppm
 (A) Initial Hydrostatic 2302 Test 1250 T-On Location 1602
 (B) First Initial Flow 18 Jars T-Started 1821
 (C) First Final Flow 18 Safety Joint T-Open 2056
 (D) Initial Shut-In 491 Circ Sub T-Pulled 2359
 (E) Second Initial Flow 9 Hourly Standby 1h 100 T-Out 0309
 (F) Second Final Flow 14 Mileage 140 217 Comments _____
 (G) Final Shut-In 521 Sampler _____
 (H) Final Hydrostatic 2290 Straddle _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1567
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 1567
 MP/DST Disc't Pratt

Approved By Bruce A. Reed Our Representative Cory Kroteaux
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