



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

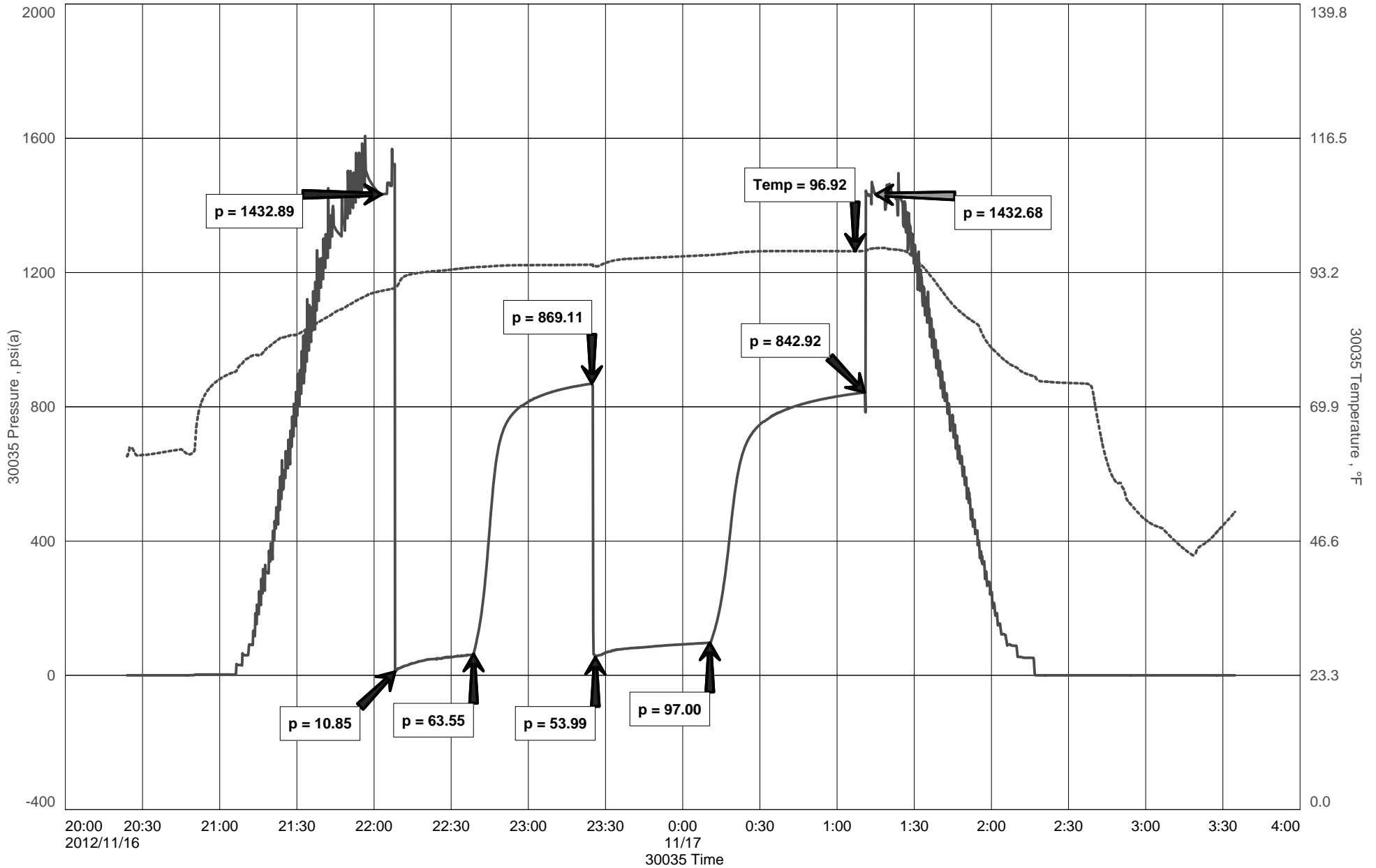
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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LD Drilling Inc.
DST #1 Lansing A-G 3015-3100'
Start Test Date: 2012/11/16
Final Test Date: 2012/11/17

Donna #1-23
Formation: DST #1 Lansing A-G 3015-3100'
Pool: Infield
Job Number: S0244

Donna #1-23



Diamond Testing

General information Report

General Information

Company Name LD Drilling Inc.

Contact	LD Davis	Job Number	S0244
Well Name	Donna #1-23	Representative	Jacob McCallie
Unique Well ID	DST #1 Lansing A-G 3015-3100'	Well Operator	LD Drilling Inc.
Surface Location	SEC 23-20S-11W Barton County	Report Date	2012/11/17
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Lansing A-G 3015-3100'		
Well Fluid Type	01 Oil	Start Test Time	20:24:00
		Final Test Time	03:35:00
Start Test Date	2012/11/16		
Final Test Date	2012/11/17		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

1062'	GIP		
36'	SOSM	1% O	99% M
183'	GWMO	17% G	45% O 18% W 20% M
219'	TOTAL FLUID		

PH: 7

RW: .15 @ 72 degrees F
Chlorides: 42,000 ppm

TOOL SAMPLE:

52% O 15% W 33% M



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Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

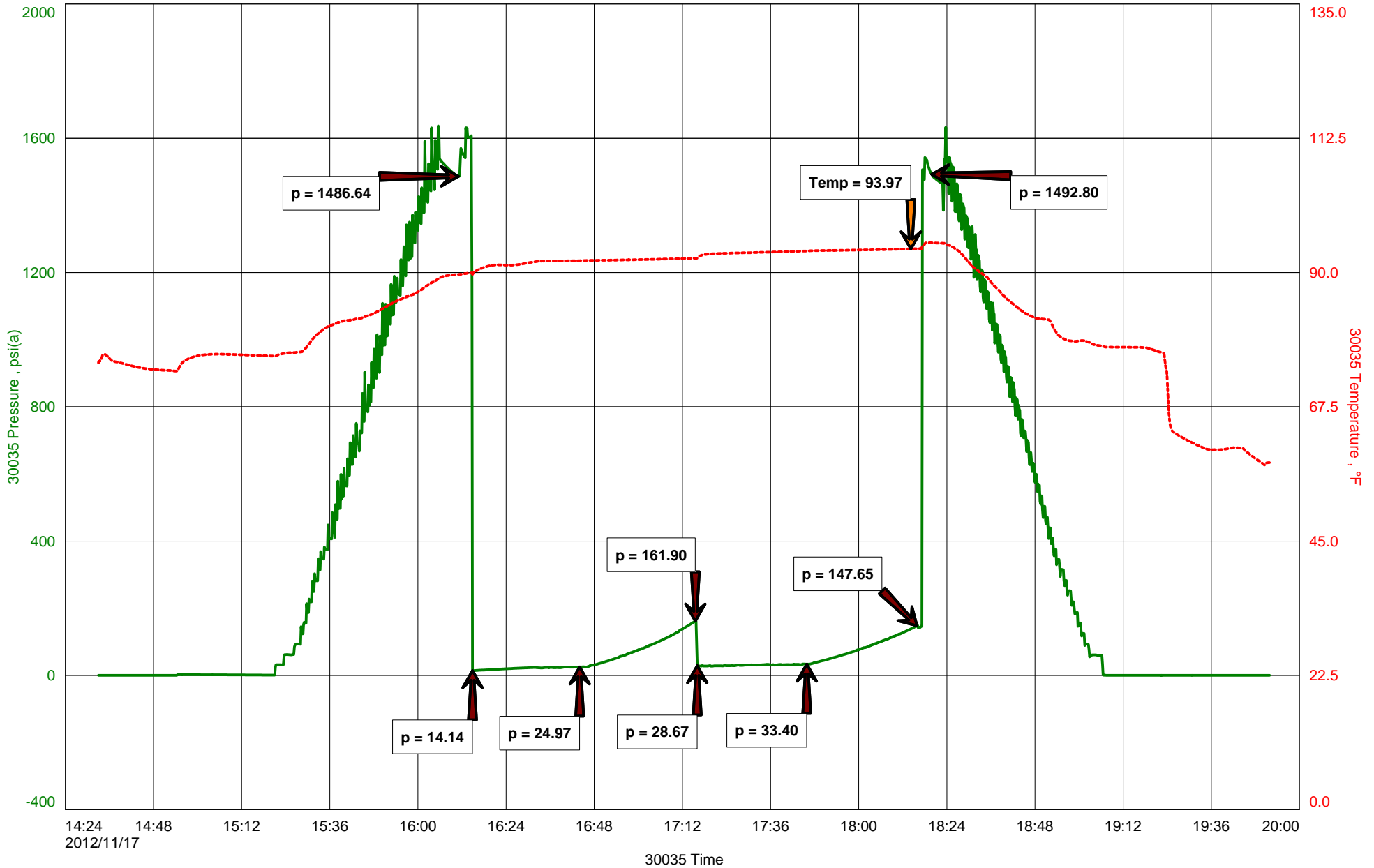
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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LD Drilling Inc.
DST #2 Lansing "H-K" 3133-3226'
Start Test Date: 2012/11/17
Final Test Date: 2012/11/17

Donna #1-23
Formation: DST #2 Lansing "H-K" 3133-3226'
Pool: Infield
Job Number: S0245

Donna #1-23



Diamond Testing

General information Report

General Information

Company Name LD Drilling Inc.

Contact	LD Davis	Job Number	S0245
Well Name	Donna #1-23	Representative	Jacob McCallie
Unique Well ID	DST #2 Lansing "H-K" 3133-3226'	Well Operator	LD Drilling Inc.
Surface Location	SEC 23-20S-11W Barton County	Report Date	2012/11/17
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #2 Lansing "H-K" 3133-3226'		
Well Fluid Type	01 Oil	Start Test Time	14:33:00
		Final Test Time	19:53:00
Start Test Date	2012/11/17		
Final Test Date	2012/11/17		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:
133' GIP
50' MUD 100% MUD

TOOL SAMPLE:
2% O 98% M



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Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

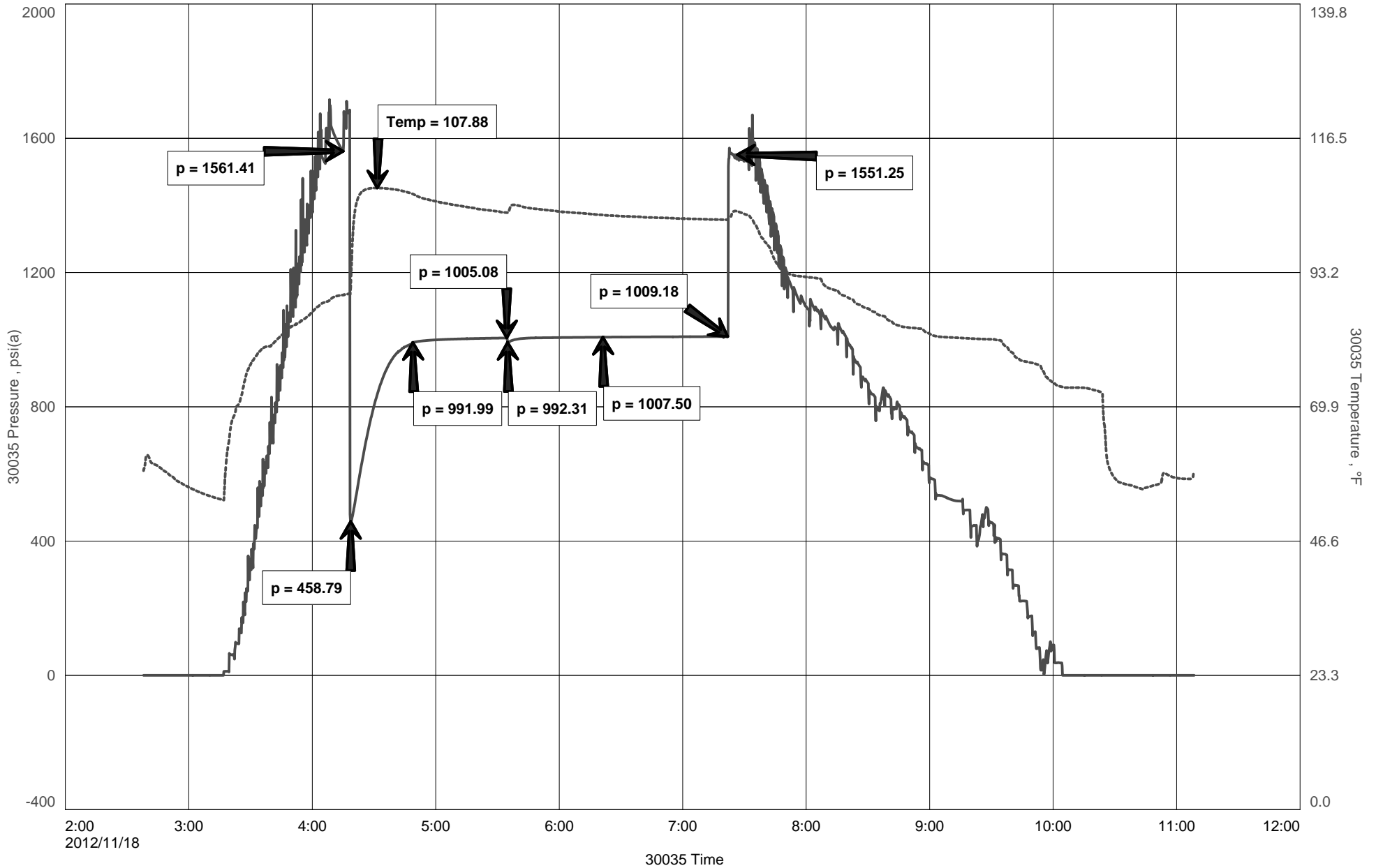
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ P.S.I.

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LD Drilling Inc.
DST #3 Arbuckle 3240-3264'
Start Test Date: 2012/11/18
Final Test Date: 2012/11/18

Donna #1-23
Formation: DST #3 Arbuckle 3240-3264'
Pool: Infield
Job Number: S0246

Donna #1-23



Diamond Testing

General information Report

General Information

Company Name LD Drilling Inc.

Contact	LD Davis	Job Number	S0246
Well Name	Donna #1-23	Representative	Jacob McCallie
Unique Well ID	DST #3 Arbuckle 3240-3264'	Well Operator	LD Drilling Inc.
Surface Location	SEC 23-20S-11W Barton County	Report Date	2012/11/18
Well License Number		Prepared By	Jacob McCallie
Field	Chase-Silica		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Arbuckle 3240-3264'		
Well Fluid Type	01 Oil	Start Test Time	02:38:00
		Final Test Time	11:09:00
Start Test Date	2012/11/18		
Final Test Date	2012/11/18		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

534'	GIP		
156'	WHOCM	30% O	24% W 46% M
756'	MCSOCW	15% O	79% W 6% M
1476'	MCSOSW	2% O	97% W 1% M
2388'	TOTAL FLUID		

PH: 7

RW: .35 @ 55 degrees F

Chlorides: 21,000 ppm

TOOL SAMPLE:

10% O 86% W 4% M