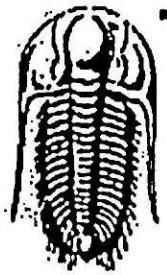


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mike Kelso Oil Inc**

PO Box 467
Chase KS 67524+0467

ATTN: Mike Kelso

FHW-Wierman #15-1

15-17s-21w Ness,KS

Start Date: 2016.09.29 @ 02:50:00
End Date: 2016.09.29 @ 10:17:30
Job Ticket #: 63483 DST #: 4

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

Printed: 2016.09.29 @ 13:47:40

DRILL STEM TEST REPORT

Mike Kelso Oil Inc

PO Box 467
Chase KS 67524+0467

ATTN: Mike Kelso

15-17s-21w Ness,KS

FHW-Wierman #15-1

Job Ticket: 63483 DST#:4

Test Start: 2016.09.29 @ 02:50:00

GENERAL INFORMATION:

Formation: Mississippi
Deviated: No Whipstock ft (KB)
Time Tool Opened: 06:09:45
Time Test Ended: 10:17:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Spencer J. Staab
Unit No: 84

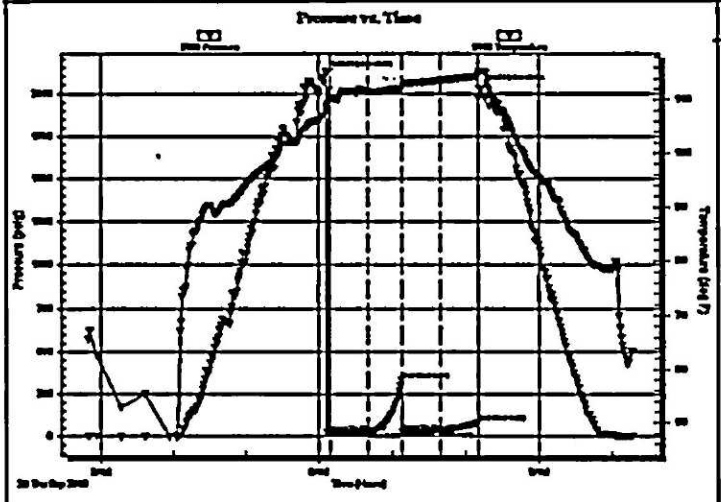
Interval: 4174.00 ft (KB) To 4200.00 ft (KB) (TVD)
Total Depth: 42000.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2210.00 ft (KB)
2203.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8938 Inside
Press@RunDepth: 34.94 psig @ 4179.00 ft (KB)
Start Date: 2016.09.29 End Date: 2016.09.29
Start Time: 02:50:15 End Time: 10:17:30

Capacity: 8000.00 psig
Last Calib.: 2016.09.29
Time On Btm: 2016.09.29 @ 06:06:15
Time Off Btm: 2016.09.29 @ 08:11:15

TEST COMMENT: 30-IF-Weak Surface Blow; died after 30 seconds, flushed tool, same result
30-ISI-No Blow
30-FF-No Blow
30-FSI-No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.49	108.49	Initial Hydro-static
4	26.41	110.24	Open To Flow (1)
34	28.21	111.62	Shut-In(1)
62	331.75	112.23	End Shut-In(1)
62	30.57	112.20	Open To Flow (2)
94	34.94	113.67	Shut-In(2)
124	83.42	114.46	End Shut-In(2)
125	2031.61	115.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 15% O 85% M	0.21

*Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Mike Kelso Oil Inc

PO Box 467
Chase KS 67524+0467

ATTN: Mike Kelso

15-17s-21w Ness,KS

FHW-Wierman #15-1

Job Ticket: 63483 DST#:4

Test Start: 2016.09.29 @ 02:50:00

GENERAL INFORMATION:

Formation: Mississippi
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:09:45
Time Test Ended: 10:17:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Spencer J. Staab
Unit No: 84

Interval: 4174.00 ft (KB) To 4200.00 ft (KB) (TVD)
Total Depth: 42000.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

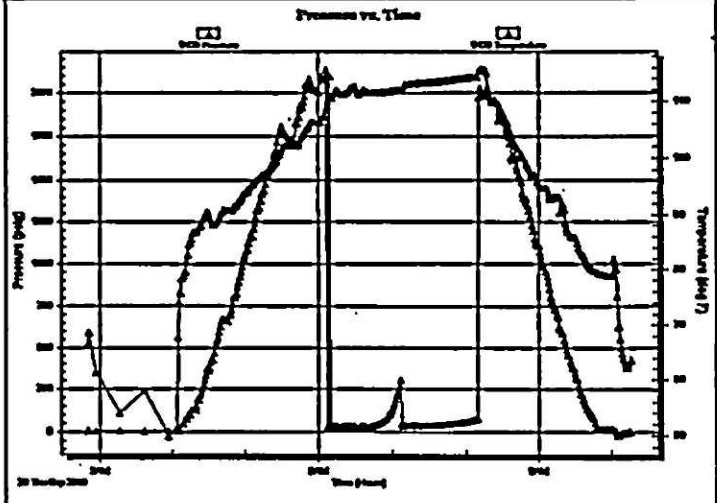
Reference Elevations: 2210.00 ft (KB)
2203.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 9120 Outside

Press@RunDepth: psig @ 4179.00 ft (KB)
Start Date: 2016.09.29 End Date: 2016.09.29
Start Time: 02:50:15 End Time: 10:16:30

Capacity: 8000.00 psig
Last Calib.: 1899.12.30
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-Weak Surface Blow; died after 30 seconds, flushed tool, same result
30-ISI-No Blow
30-FF-No Blow
30-FSI-No Blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 15% O 85% M	0.21

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mike Kelso Oil Inc

PO Box 467
Chase KS 67524+0467

ATTN: Mike Kelso

15-17s-21w Ness,KS

FHW-Wierman #15-1

Job Ticket: 63483 DST#:4

Test Start: 2016.09.29 @ 02:50:00

Tool Information

Drill Pipe:	Length:	3718.00 ft	Diameter:	3.82 inches	Volume:	52.70 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	460.00 ft	Diameter:	2.70 inches	Volume:	3.26 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	51000.00 lb
					Total Volume:	55.96 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		28.00 ft					String Weight: Initial	49000.00 lb
Depth to Top Packer:		4174.00 ft					Final	49000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		30.00 ft						
Tool Length:		54.00 ft						
Number of Packers:		1	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4151.00		
Shut In Tool	5.00			4156.00		
Hydraulic tool	5.00			4161.00		
Jars	5.00			4166.00		
Safety Joint	3.00			4169.00		
Packer	5.00			4174.00	24.00	Bottom Of Top Packer
Packer - Shale	4.00			4178.00		
Stubb	1.00			4179.00		
Recorder	0.00	9120	Outside	4179.00		
Recorder	0.00	8938	Inside	4179.00		
Perforations	21.00			4200.00		
Bullnose	4.00			4204.00	30.00	Anchor Tool
Total Tool Length:	**54.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Mike Kelso Oil Inc

PO Box 467
Chase KS 67524+0467

ATTN: Mike Kelso

15-17s-21w Ness,KS

FHW-Wierman #15-1

Job Ticket: 63483 DST#: 4

Test Start: 2016.09.29 @ 02:50:00

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:	59.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	40000.00 ppm				
Filter Cake:	inches				

Recovery Information

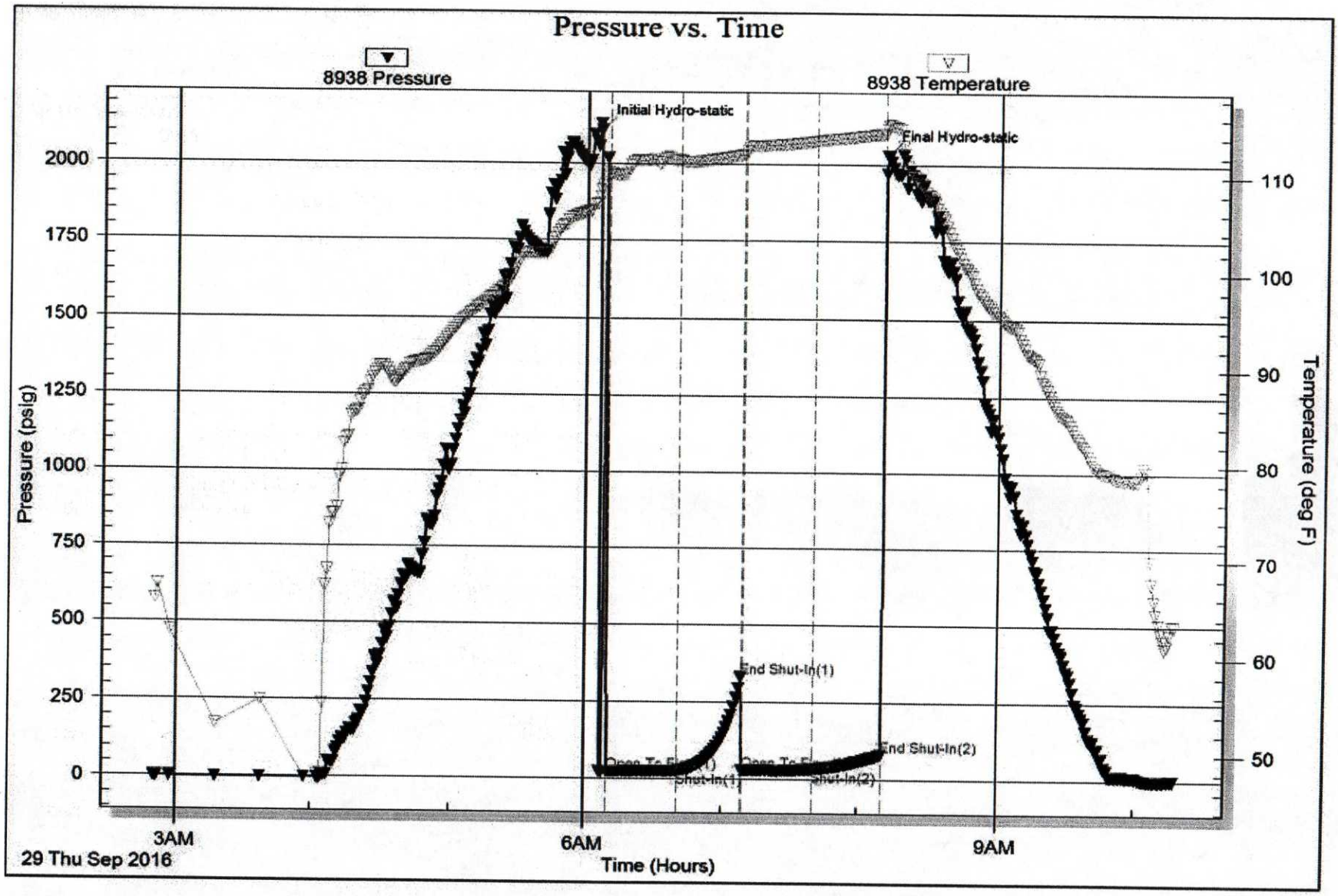
Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 15% O 85% M	0.212

Total Length: 30.00 ft Total Volume: 0.212 bbl

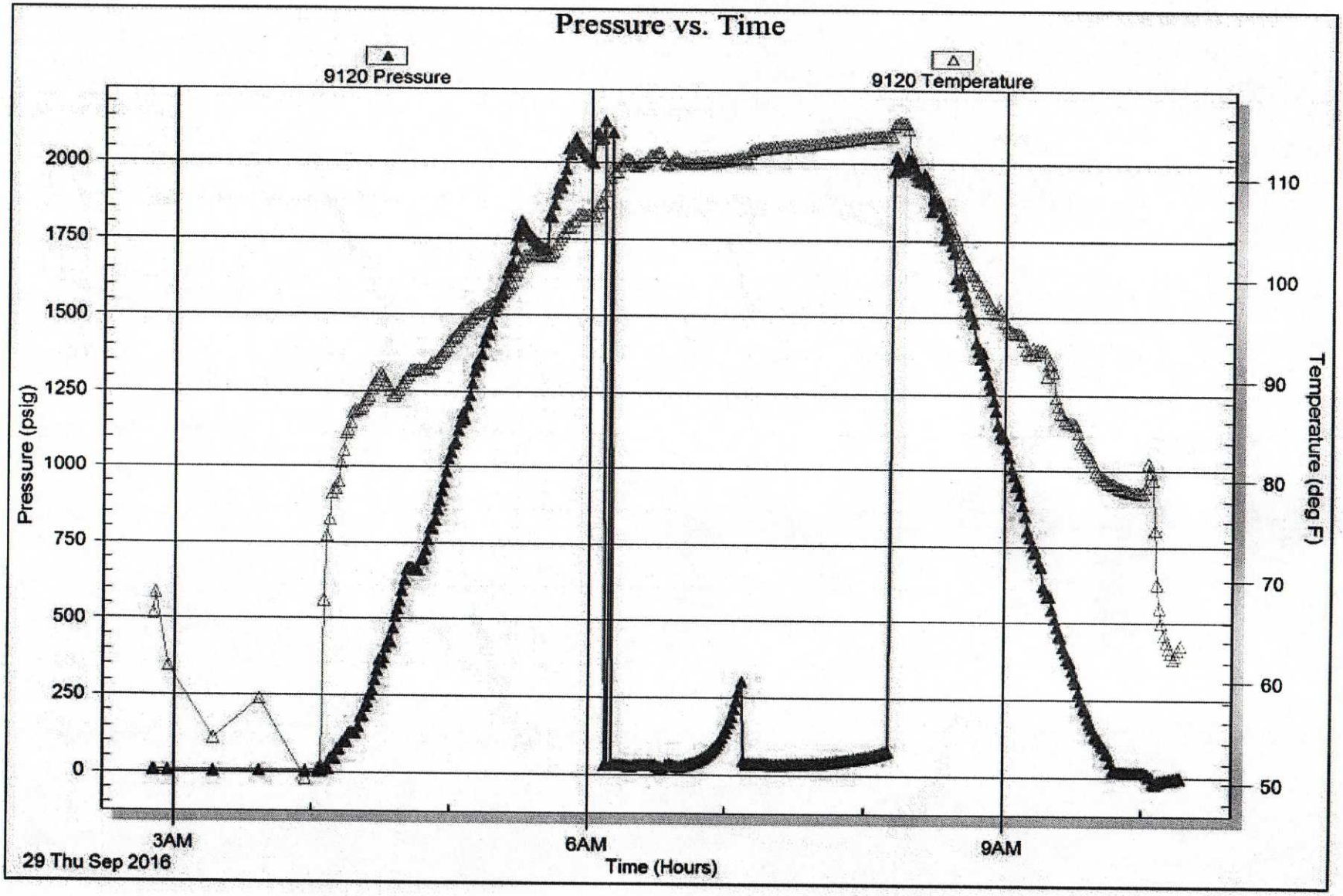
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8938 Inside Mike Kelso Oil Inc FHW-Wierman #15-1 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 63483 Printed: 2016.09.29 @ 13:47:41

Serial #: 9120 Outside Mike Kelso Oil Inc FHW-Wierman #15-1 DST Test Number: 4



Trilobite Testing, Inc Ref. No: 63483 Printed: 2016.09.29 @ 13:47:42

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 63483

Well Name & No. F.H.W. - Wierman #15-1 Test No. 4 Date 09/29/2016

Company Mike Kelso Oil Inc Elevation 2210 KB 2203 GL

Address POBox 467 Chase KS 67524 +0467

Co. Rep / Geo. Pat Dennihan / Mike Kelso Rig Skytop #1

Location: Sec. 15 Twp. 17S Rge. 21W Co. Ness State KS

Interval Tested 4174 - 4200 Zone Tested Mississippi

Anchor Length 26 Drill Pipe Run 3718 Mud Wt. 9.4

Top Packer Depth 4169 Drill Collars Run — Vis 59

Bottom Packer Depth 4174 Wt. Pipe Run 460 WL 8.8

Total Depth 4200 Chlorides 4000 ppm System LCM 2#

Blow Description IF - Weak Surface Blow; died in 30 seconds

ISI - No Blow

FF - No Blow

FSI - No Blow

Rec 30	Feet of OCM	%gas 15	%oil	%water 85	%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

Rec Total 30 BHT 115° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2110

(B) First Initial Flow 26

(C) First Final Flow 28

(D) Initial Shut-In 331

(E) Second Initial Flow 30

(F) Second Final Flow 34

(G) Final Shut-In 83

(H) Final Hydrostatic 2031

Initial Open 30

Initial Shut-In 30

Final Flow 30

Final Shut-In 30

- [X] Test 1150
- [X] Jars 250
- [X] Safety Joint 75
- [ ] Circ Sub
- [ ] Hourly Standby
- [X] Mileage 84RT 63
- [ ] Sampler
- [ ] Straddle
- [X] Shale Packer 250
- [ ] Extra Packer
- [ ] Extra Recorder
- [ ] Day Standby
- [ ] Accessibility

Sub Total 1788

T-On Location 01:53

T-Started 02:50

T-Open 06:10

T-Pulled 08:10

T-Out 10:17

Comments flushed tool once on I.F

- [ ] Ruined Shale Packer
- [ ] Ruined Packer
- [ ] Extra Copies

Sub Total 0

Total 1788

MP/DST Disc't

Approved By Our Representative Spencer J. Staab